المراجعة رقم (1)







Revision 2024

1 Assessments on Units

Assessment on Unit 1



First: **Choose the correct answer:**

1. Three million, three thousand, three = ... **(In standard form)**

   a) 30,303　b) 3,030,030　c) 3,003,003　d) 3,300,300

2. 23,080,250 = ... **(In word form)**

   a) Three hundred sixty million, eighty thousand, two hundred fifty
   b) Twenty-three million, eight hundred thousand, two hundred fifty
   c) Twenty-three million, eighty thousand, two hundred fifty
   d) Three hundred sixty million, eight hundred, two thousand, fifty

3. 706,200,405 = ... **(In expanded form)**

   a) 700,000,000 + 6,000,000 + 200,000 + 400 + 5
   b) 700,000,000 + 6,000,000 + 200 + 40 + 5
   c) 70,000,000 + 6,000,000 + 20,000 + 400 + 5
   d) 700,000,000 + 6,000,000 + 200,000 + 40 + 5

4. Three milliard, five hundred ninety thousand, three hundred five

   = ... **(In standard form)**

   a) 3,000,590,305　b) 3,590,305
   c) 3,590,000,305　d) 3,005,900,305

5. (3 X 100,000,000) + (8 X 10,000,000) + (6 X 10,000) + (2 X 100)

   = ... **(In standard form)**

   a) 300,860,200　b) 380,060,200
   c) 380,060,200　d) 380,600,200

6 .... is the smallest number formed from 10 digit.

a Million　b Ten million　c Hundred million　d Milliard

7 The value of the digit 3 in the number 532,689,127 is ....

a 300,000　b 3,000,000　c 30,000,000　d 300,000,000

8 40,225,885 < ....

a 8,688,988　b 41,200,800　c 9,999,999　d 39,009,000

9 258,456 ≈ .... *(To the nearest 10,000)*

a 250,000　b 260,000　c 200,000　d 300,000

10 The **smallest** whole number that can be rounded to the nearest **100**, so that the result is 2,300, is ....

a 2,350　b 2,250　c 2,301　d 2,299

Second: Complete the following:

1 The place value of the digit 6 in 658,478,203 is ....

2 200 Hundred = ... Thousand

3 2 milliard + 7 million + 225 thousand + 102 = ...

(In word form) ....

4 The digit 4 in 248,237,752 is in the .... place.

5 The value of the digit 5 in the Hundred Thousands place is ....

6 3,000,000 = ... thousand

7 Decompose 7,305,057 =

(7 X ....) + (3 X ....) + (5 X ....)

+ (5 X ....) + (7 X ....)

8 Nine milliard, seven hundred five million, thirty thousand, six

= .... **(In standard form)**

9 654,215 ≈ .... *(To the nearest 10,000)*

10 .... ≈ 45,000 *(To the nearest 1,000)*

*(Complete with the **smallest** number possible)*

Third: **Complete using (< , = or >):**

1. 200,002,780 200,020,078
2. (5 X100,000,000) + (5 X 1) 550,000,000
3. 620,000,602 ..... 62 million, 602
4. Three hundred million, three hundred 300,300,000
5. The value of the digit 8 in the Hundred Thousands place 800,000

Fourth: **Arrange the following numbers in an ascending order. Write the numbers in standard form**

Number	Standard Form	Order
30,000,450	....	a ....
(3 X 1,000,000) + (4 X 100) + (5 X 1)	....	b ....
Three hundred million, four hundred, fifty	....	c ....
50 + 400 + 3,000,000,000	....	d ....
30 million, 450 thousand	....	e ....

Fifth: **Write each of the following numerical forms in standard form, then round the number to the nearest 100:**

Numerical Form	Standard Form	To the Nearest 100
a Five thousand, five hundred ninety-nine	....	....
b 4 thousand, 985	....	....
c 90,000 + 400 + 30 + 2	....	....
d (8 X 10) + (3 X 1)	....	....

Assessment on Unit 2



First: **Choose the correct answer:**

1. $25 + 152 = 152 + 25$ (.................. *Property)*
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

2. $63 + (15 + 95) = (63 + 15) + 95$ (.................. *Property)*
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

3. $258 + 0 = 258$ (.................. *Property)*
   - (a) Identity Element
   - (b) Associative
   - (c) Commutative
   - (d) Distributive

4. $456 + 998 = 454 +$ ....
   - (a) 999
   - (b) 990
   - (c) 1,000
   - (d) 996

5. $369 + 254 =$ ....
   - (a) $369 + 200 + 50 + 4$
   - (b) $369 + 2 + 4 + 5$
   - (c) $369 + 25 + 4$
   - (d) $369 + 2 + 54$

6. The equation that represents the following **bar model** is ....
   - (a) $\chi + 120 = 750$
   - (b) $750 - \chi = 150$
   - (c) $\chi - 150 = 750$
   - (d) $\chi = 750 + 150$

750	
χ	150

7. The bar model that represents this equation **"32 – y = 15"** is ....

(a)

32	
15	y

(b)

15	
32	y

(c)

y	
15	32

(d)

47	
32	y

8. 158,456 + 252,234 = ...

   a) 300,780 b) 410,690 c) 300,690 d) 790,410

9. If χ + 245 = 786, then χ = ...

   a) 245 + 786 b) 786 – 245 c) 245 + 541 d) 786 – 541

10. If 452 – y = 152, then y = ...

   a) 452 + 152 b) 152 + 200 c) 452 – 152 d) 452 – 200

Second: Complete the following:

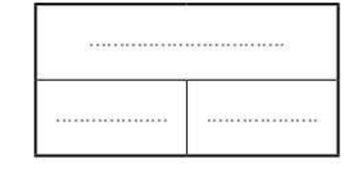
1. 45 + 21 = ... + 45 (.................. Property)
2. (45 + 25) + 15 + ... = ... + (.................. + 15) + 13 (.................. Property)
3. 254 + ... = 254 (.................. Property)
4. 25,475 + 85,235 = ...
5. 600,800 – 365,247 = ...
6. If χ + 258 = 500, then χ = ...
7. If 458 + y = 600, then y = ...
8. If m – 524 = 214, then m = ...
9. If 842 – z = 600, then z = ...
10. 2,456 + 3,375 = ... ≈ .... (To the nearest 1,000)

Third: Answer the following:

a) In one week, **6,245** tourists visited the Pyramids, and in the following week **5,375** tourists did.

How many tourists visited the Pyramids in the two weeks?

Bar Model:



Equation: ....

Solution: ....

b Sarah had **1,025** pounds. She bought a dress for **675** pounds.

How many pounds does Sarah have left?

Bar Model:

....	
....	....

Equation: ....

Solution: ....

c A road with a length of **9,150 meters** was paved in three days, of which **345 meters** were paved on the first day, and **290 meters** on the next day. How many meters were paved on the third day?

....

....

....

Accumulative Assessments on Units 1&2

Assessment 1

1 Complete the following:

ⓐ 7,000,021 = ... Millions + ... Thousands + ...

ⓑ 245 + 243 = ... + 245

ⓒ 0 + ... = 9 ".. *Property"*

ⓓ 50 Ten Thousands = ...

2 Choose the correct answer:

ⓐ When approximating the number 3,999 to the nearest Ten,

it is .... (4,900 or 4,000 or 5,990 or 5,000)

ⓑ 45 + 0 = 45 *(.. Property)*

(Distributive or Identity Element or Commutative or Associative)

ⓒ 5,000 + 20 + 3 = ...

(50,203 or 523 or 5,023 or 5,000,203)

ⓓ The place value of the digit 7 in 965,712,3 ....

(millions or milliards or hundreds or thousands)

3 Compare using ($<$, $=$ or $>$):

ⓐ 900 Thousands ☐ 90 Millions

ⓑ 6,000,000,000+ 4,000 + 2 ☐ 6,000,000+80,000+100

ⓒ 456,258 + 543,742 ☐ The greatest 7-digit number

ⓓ 10,000+8,000+ 200+80+7 ☐ 18,654 – 367

4 Answer the following questions:

a) The number of girls in a school is 458, and the number of boys is 367. What is the total number of students in this school?

....

....

b) Salma was counting the ants in the colony. She counted 1,525 ants on Monday, 19,750 ants on Tuesday, and 3,705 ants on Wednesday. If there are 30,520 ants in the colony, how many ants does she still need to count?

....

....

c) **Find the result:**

[1]
```
   235,147
 + 235,448
 _________
 .........
```

[2]
```
   65,254
 - 36,142
 ________
 ........
```

Assessment 2

1 Complete the following:

a) 27,957 ≈ 30,000 *(To the nearest ....)*

b) 27 + 19 = 19 + ... *" .... Property"*

c) 245 + 243 = ... + 245

d) Six milliard, eight hundred fifteen million, four hundred thousand, thirty = ... *(standard form)*

2 Choose the correct answer:

a) (8 X 100,000,000) + (8 X 1,000) = ...

(88,000,000 or 808,000 or 800,008,000 or 800,800,000)

b A store has 4,000 toys, and 3,600 toys are left. If P represents the number of sold toys, which bar model represents this equation?

(

3,600	
4,000	P

or

P	
3,600	4,000

or

4,000	
3,600	P

or

3,000	
3,600	P

)

c If the place value of the digit 5 is the Ten Thousands, then its value is .... (50 or 500 or 50,000 or 50,000,000)

d 75 – 49 = 74 – .... (50 or 48 or 98 or 99)

3 Compare using (< , = or >):

a Five hundred seventy thousands, ninety-eight ( ) 500,000+70,000+90+8

b Six milliard, two hundred thousands ( ) 6,000,000,000 + 200

c Four hundred fifty two millions, six hundred ninety-five ( ) 4,520,003,695

d 290 + 530 ( ) 732 + 88

4 Answer the following questions:

a Write the number 6,254,835 in the decomposed form:

....

....

b Sarah had 6,250 pounds, she bought a mobile for 4,630 pounds. How many pounds are left with Sarah?

....

....

c Arrange the following numbers in an **ascending** order:

354,456 , 345,456 , 345,465 , 354,465

.... , ... , ... , ...

Assessment on Unit 3

First: Choose the correct answer:

1. The best unit for measuring the **height** of a class is ....
   - a) meters b) centimeters c) millimeters d) kilometers
2. The best unit for measuring a dog's **mass** is ....
   - a) grams b) centigrams c) milligrams d) kilograms
3. The best unit for measuring a car's fuel tank is ....
   - a) liters b) centiliters c) milliliters d) dekaliters
4. The time is now 10:25, . What will the time be after fifty minutes?
   ....
   - a) 10:50 b) 10:15 c) 11:25 d) 11:15
5. 120 **hours** = ... **days**
   - a) 2 b) 6 c) 5 d) 12
6. The .... is one of the **graduated scales** that we see in our daily lives.
   - a) car b) mobile phone c) balance d) calculator
7. The **height** of Cairo Tower is 198 meters. How high is it in centimeters?
   - a) 198 cm b) 1,980 cm c) 19,800 cm d) 198,000 cm
8. If Shaimaa's weight is 65 kilograms and 500 grams, then her weight in grams is ....
   - a) 565 g b) 650,500 g c) 65,000,500 g d) 65,500 g
9. "**20** to **3**", represented on the digital clock as ...... : ....
   - a) 3:20 b) 2:40 c) 2:20 d) 4:20
10. If a fish tank contains 20 liters and 250 milliliters of water, then the **volume** of the water in the tank in milliliters is ....
    - a) 20,250 mL b) 2,250 mL c) 25,020 mL d) 2,025 mL

Second: Complete the following:

1. 10 **meters** and 25 **centimeters** = ... **centimeters**
2. 20,015 **meters** = ... **kilometers** and .... **meters**
3. 15,040 **grams** = ... **kilograms** and .... **grams**
4. 400,020 **milliliters** = ... **liters** and .... **milliliters**
5. 4 **kilometers =** .... **meters**
6. 20,000 **grams** = ... **kilograms**
7. 500 **liters** = ... **milliliters**
8. 6:45 + 2:28 = ... : ....
9. 8:00 – 7:37 = ... : ....
10. 250 **minutes** = ... **hours** and .... **minutes**

Third: Complete using (< , = or >):

1. 7 weeks ( ) 45 days
2. 3 days ( ) 46 hours
3. 2 hours ( ) 150 minutes
4. 4 minutes ( ) 240 seconds

Fourth: Arrange the following lengths in an ascending order:

400 cm , 40 m , 4 dm , 4 km

.... , ... , ... , ...

Fifth:

Salah has been in football training for two hours and 30 minutes. If Salah goes to training three days a week, how many minutes does he spend in training per day? And how many minutes does Salah spend in training per week?

....

....

....

Accumulative Assessments on Units 1 – 3

Assessment 1

1 Complete the following:

a) 300,750 = (3 X ....) + (7 X ....) + (5 X ....)

b) 12,000 = 10 times of ....

c) 5,065 cm = ... m, ... cm

d) 27,957 ≈ 30,000 *(To the nearest ....)*

2 Choose the correct answer:

a) Which of the following represents the Commutative Property of Addition? (635 + 492 = 492 + 635 or 0 + 847 = 847 or (18 + 2) + 16 = 36 or 1 + 131 = 132)

b) The additive identity is .... (0 or 1 or 2 or 3)

c) If 9 + X = 27, then X = ... (927 or 36 or 18 or 3)

d) A kilogram is a measurement unit of the ....

(volume or height or mass or capacity)

3 Compare using (< , = or >):

a) Four hundred fifty-two million, six hundred ninety-five ☐ 4,520,003,695

b) 4,000 grams ☐ 40,000 kilograms

c) 2 ☐ 100,000 - 99,999

d) 72 hours ☐ 3 days

4 Answer the following questions:

a) Write the number (2 million, 235 thousand, 624) in the expanded form.

....

....

b The distance between Samah's house and her school is 2 km.

What is the distance in meters, decimeters, and centimeters?

2 km = ... m = ... dm = ... cm

c Salma trains to swim for an hour and 15 minutes. If she starts training at 5:35, when will Salma finish training?

....

....

d 3:45 + 2:15 = ... : ....

Assessment 2

1 Complete the following:

a If X – 20 = 30, then X = ...

b 155 cm = ... dm, ... cm

c 2,617 – 1,716 = ...

d The additive identity element is ....

2 Choose the correct answer:

a 8 L = ... mL (8 or 8000 or 80 or 800)

b The largest number that can be formed from the digits (5, 3, 4, 7, 0, 6) is .... (534,706 or 765,430 or 706,543 or 304,567)

c The smallest 9-digit number < ....
(one milliard or 100 million or 999 thousand or 999 million)

d The gram is the best unit for measuring the mass of a ....
(ring or child or car or chair)

3 Compare using (< , = or >):

a (3 X 1,000,000,000) + (3 X 10) 3,000,003,000

b 23,023 mL ..... 23l,23 mL

c Milliard 1,000,000,0000

d 1000 mL ..... 100 liters

4 Match:

a 2 days , 12 hours •	• 60 days 1
b 8 weeks , 4 days •	• 60 minutes 2
c 1 minute •	• 60 hours 3
d 1 hour •	• 60 seconds 4

5 Answer the following questions:

a The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

....

....

....

b If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

....

....

....

Assessment on Unit 4



First: **Choose the correct answer:**

1. A rectangle of 8 cm length and 6 cm width, its **perimeter** is .... cm.
   ⓐ 8 + 6 + 8 + 6 ⓑ 8 X 6 X 8 X 6 ⓒ 8 X 6 X 2 ⓓ 8 + 6 + 2

2. A rectangle has a length of 9 cm and a width of one third of its length, then its **area** = ... cm^2.
   ⓐ 12 ⓑ 27 ⓒ 24 ⓓ 36

3. A square has an area of 64 cm^2, then its **perimeter** = ... cm.
   ⓐ 8 ⓑ 16 ⓒ 32 ⓓ 64

4. A square has a perimeter of 28 cm, then its **area** = ... cm^2.
   ⓐ 49 ⓑ 14 ⓒ 7 ⓓ 21

5. A rectangle has a perimeter of 24 cm and a length of 9 cm, then its **area** is .... cm^2.
   ⓐ 3 ⓑ 31 ⓒ 12 ⓓ 27

6. Which of the following is a formula for the **perimeter of a rectangle**?
   ⓐ P = L + W + 2 ⓑ P = (L X W) X 2
   ⓒ P = (L X 2) + (W X 2) ⓓ P = (L X W) + 2

7. Which of the following is a formula for the **perimeter of a rectangle**?
   ⓐ P = L + W + L + W ⓑ P = L X 2 X W X 2
   ⓒ P = (L + 2) X (W + 2) ⓓ P = (L + W) + 2

8. Which of the following is a formula for the **area of a rectangle**?
   ⓐ A = L X W ⓑ A = L X W X 2
   ⓒ A = L + W ⓓ A = L + W + 2

9 The area of a rectangle whose length is 9 cm and its width is 4 cm is **equal** to the area of a square that has a **perimeter** of .... cm.

ⓐ 24 ⓑ 36 ⓒ 13 ⓓ 18

10 The perimeter of a square that has an area of 25 cm^2 is equal to the perimeter of a rectangle whose **dimensions** are ....

ⓐ 12 cm, 13 cm ⓑ 8 cm, 12 cm

ⓒ 6 cm, 4 cm ⓓ 5 cm, 5 cm

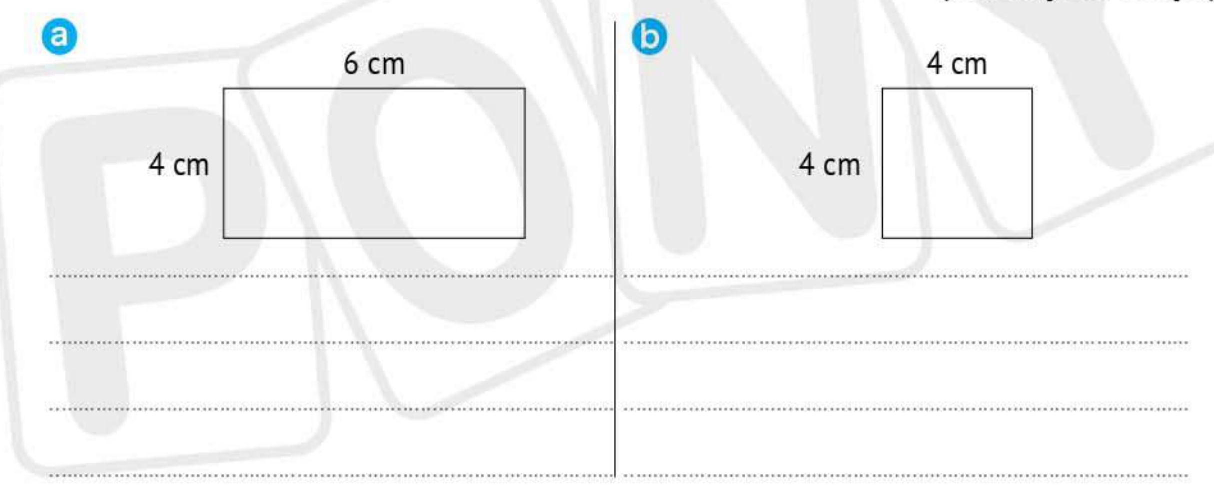
Second: Complete the following:

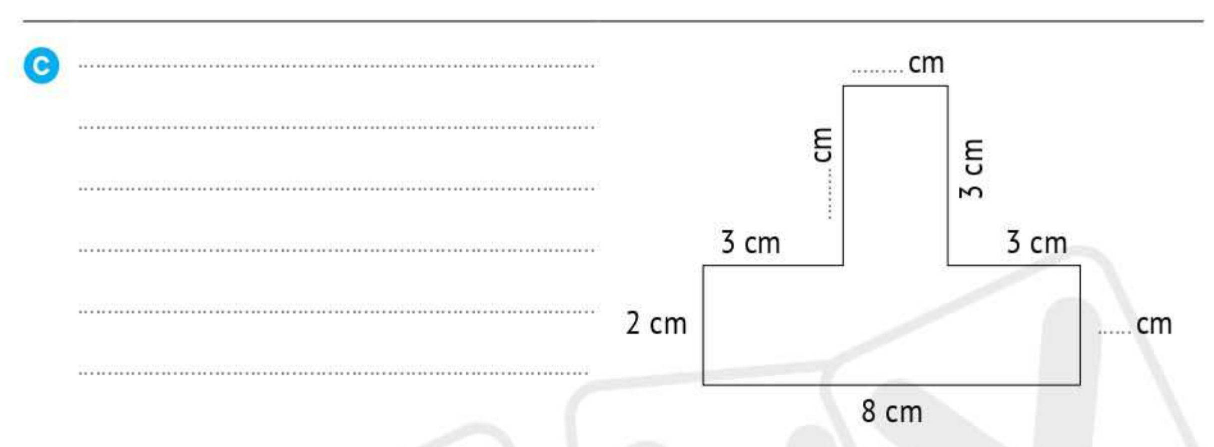
1. A rectangle of 15 m length and 10 m width, its **perimeter** is ....
2. If a square has a 6 cm side length, then its **perimeter** is ....
3. A square whose sides are 7 mm has a **surface area** of .... mm^2.
4. A rectangle has a length of 8 cm and a width of 4 cm. Its **surface area** is .... cm^2.
5. A rectangle has a perimeter of 18 cm and a length of 7 cm, then its **area** is .... cm^2.
6. If a rectangle has an area of 72 cm^2 and a width of 8 cm, then its **perimeter** is ....
7. If a square has a perimeter of 36 cm, then its side **length** is .... cm.
8. If a square has an area of 36 cm^2, then its side **length** is .... cm.
9. If a square has a perimeter of 16 cm, then its **area** is .... cm^2.
10. If a square has an area of 64 cm^2, then its **perimeter** is .... cm.

Third: Answer the following:

1 Calculate the **area** and **perimeter** of each of the following shapes:

(Show your steps)





2 The length of Fatima's rectangular garden is **three times** its width. If **(W)** is the width, write an equation that can represent the perimeter of Fatima's garden.

....

....

3 Adam has a rectangular computer keyboard that is **40 cm** long and **15 cm** wide. How can Adam calculate the perimeter of the keyboard?

....

....

Accumulative Assessments on Units 1–4

Assessment 1

1 Complete the following:

a) A square has a side length of 6 cm, then its perimeter is ....

b) 3 weeks and 1 day = ... days

c) Using the opposite bar model, m = ...

526	
200	m

d) 27,957 ≈ 30,000 *(To the nearest ....)*

2 Choose the correct answer:

a) A rectangle has a length of 7 cm and a width of 5 cm. Its perimeter is .... cm. (97 or 13 or 35 or 24)

b) 4 liters and 15 milliliters = ... milliliters (4,150 or 4,015 or 40,015 or 415)

c) The additive identity is .... (1 or 0 or 10 or 60)

d) 12 Millions + 15 Thousands + 20 = ... (201,512 or 20,015,012 or 121,520 or 12,015,020)

3 Compare using (< , = or >):

a) 456,258 + 543,742 ☐ The greatest 7-digit number

b) 1 milliard ☐ 1,000,000,000

c) 6 min, 4 sec ☐ 4 min, 6 sec

d) The perimeter of a square of side length 6 cm ☐ The perimeter of a rectangle of dimensions 7 cm and 5 cm

4 Answer the following questions:

ⓐ A square picture has a side length of 30 cm. What is the perimeter of the frame for this picture?

....

....

ⓑ Mohamed bought a laptop for 5,250 LE and a mobile for 2,750 LE. If he had 10,000 LE, how much money would be left with him?

....

....

ⓒ A rectangular room is 10 meter long and 5 meter wide, find the perimeter and area of the room.

....

....

Assessment 2

1 Complete the following:

ⓐ 5 m, 5 dm = ... dm

ⓑ 74,632 ≈ .... *(To the nearest 1,000)*

ⓒ 84 + 37 *(To the nearest 10)* .... + ... = ...

ⓓ Perimeter of the rectangle: P = (.................. + ...) X 2

2 Choose the correct answer:

ⓐ Omar had 4,500 pounds, and after two years, the amount he had has been ten times. How much money does Omar have now?

(9,000 or 4,510 or 45,000 or 45,004,500)

ⓑ The smallest 6-even-digit number is ....

(999,998 or 100,003 or 100,000 or 102,254)

c The best unit for measuring the length of an insect is ....

(decimeters or meters or centimeters or millimeters)

d A square has a side length of 8 cm, then its area is .... cm^2.

(88 or 32 or 64 or 16)

3 Compare using (< , = or >):

a 900 Thousands ⬭ 90 Millions

b 10,000 + 8,000 + 200 + 80 + 7 ⬭ 18,654 – 367

c The number of days of the week ⬭ 10

d 23,023 mL ⬭ 23 L, 23 mL

4 Answer the following questions:

a A square picture has a side length of 8 cm. Hussein wants to make a piece of glass to cover this picture, What is the area of the glass piece?

....

....

b Lina bought 30 Kg of mango, the price of 1 kg is 24 pounds. How much money did she pay?

....

....

c 4,000 – 2,352 = ...

Assessment on Unit 5

First: **Choose the correct answer:**

1. The equation 18 = 3 X b represents the comparison ....
   - a) 18 is 6 times more than b
   - b) 3 is 18 times more than b
   - c) 18 is 3 times more than b
   - d) b is 3 times more than 18

2. 8 + 8 + 8 + 8 + 8 = ...
   - a) 8 X 8   b) 8 + 8   c) 8 + 5   d) 8 X 5

3. 6 X 4 = ...
   - a) 6 + 6 + 6 + 6   b) 6 X 6 X 6 X 6
   - c) 4 + 4 + 4 + 4   d) 4 X 4 X 4

4. If 5 X 7 = χ, then ....
   - a) χ is 7 times more than 7
   - b) χ is 5 times more than 7
   - c) 5 is 7 times more than χ
   - d) χ is 5 times more than 5

5. The **equation** that represents **"12 is 3 times as many as *m*"** is ....
   - a) 12 = 3 X *m*   b) *m* = 3 X 12
   - c) 3 = 12 X *m*   d) *m* = 36 X 3

6. The equation that represents "**28 is 4 times greater than *n***" is ....
   - a) 28 = 4*n*   b) 28*n* = 4
   - c) 28 = 4 + *n*   d) 28 – *n* = 4

7. If 8 X 5 = *a* X 8, then *a* = ...
   - a) 40   b) 8   c) 5   d) 64

8 200 X .... = 10,000

a 5 b 50 c 500 d 5,000

9 8 X 5 X 4 = (8 X 5) X 4 = ... X 4

a 40 b 8 c 20 d 10

10 8 X 500 = 40 X ....

a 5 b 100 c 10 d 1,000

Second: **Complete the following:**

1 3 X 4 X 5 = 3 X ....

2 9 X 3 = ... + ... + ...

3 The equation that represents "**36 is 4 times greater than *n***" is ....

....

4 If 5χ = 35, then χ = ...

5 20 X 50 = 50 X ....

6 .... = 80 X 500

7 600 X .... = 30,000

8 (5 X 8) X 6 = ... X .... = ...

9 6 X 30 = 18 X .... = ...

10 9 X .... = 36 X 100 = ...

Third: **Write an equation for the following comparisons. Use letters to represent the unknown, then find their values:**

1 ***m*** is 8 times greater than 6.

Equation: .... **Solution:** ....

2 24 is 8 times more than ***n***.

Equation: .... **Solution:** ....

3 21 is ***a*** times as many as 3.

Equation: .... **Solution:** ....

4 ***x*** is 6 times greater than 7.

Equation: .... **Solution:** ....

Fourth: Answer the following:

a **Mahmoud has 20 crayons, which is 5 times more than the number of crayons that Hazem has. How many crayons does Hazem have? Write a multiplication equation representing this problem, and then solve it.**

....

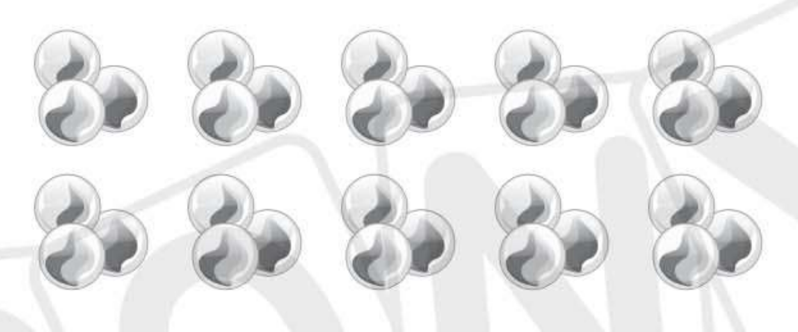
....

b Nader has 12 oranges. **Write an equation using the Commutative Property of Multiplication to describe the two ways in which he can arrange the oranges.**

....

....

c **Use the Associative Property of Multiplication to calculate the number of marbles in the following picture.**



....

....

Accumulative Assessments on Units 1–5

Assessment 1

1 Complete the following:

a .... – 420 = 120

b 36 + 35 = 35 + 36. The property used is .... property.

c 9 m, 2 cm = ... cm

d The number that comes just before 9,000,000 is ....

2 Choose the correct answer:

a The digit 8 in 214,284,697 is in the .... place.

(Ones or Tens or Ten Thousands or Ten Millions)

b 91,024 + 32,549 = ...

(123,563 or 321,547 or 123,573 or 123,654)

c 5,000 milliliters = ... liters (5 or 50 or 500 or 5,000)

d If $3x = 9$, then x = ... (3 or 27 or 12 or 6)

3 Compare using (< , = or >):

a 3000 m ☐ 3 km

b The area of a square with side length of 6 cm ☐ The area of a rectangle with dimensions 8 cm and 4 cm

c 10 Hundreds ☐ 20 Tens

d 30 X 100 ☐ 300 Hundreds

4 Answer the following questions:

a) A painting is 5 meters in length and 2 meters in width. Find the perimeter of the necessary frame for this painting.

....

....

b) If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

....

....

Assessment 2

1 Complete the following:

a) The additive identity element is ....

b) 108 mm= .... cm, ... mm

c) A rectangle has a length of 5 cm and a width of 3 cm, its perimeter is .... cm .

d) 5 times greater than 3 is .... Equation: ....

2 Choose the correct answer:

a) Four milliard, six hundred five million, ninety thousand, fifteen = ...

(4,065,090,015 or 4,650,900,015 or 4,605,090,015 or 9,506,415)

b) .... is the measurement of the distance around the shape.

(Perimeter or Area or Square or S X S)

c) 8 + 8 + 8 + 8 = ... (8 + 8 or 8 X 8 or 8 X 4 or 8 + 4)

d) 7 X (3 X 5) = (.......................... X 3) X 5 (21 or 7 or 5 or 3)

3 Compare using (< , = or >):

a) 240 .... 6 x 400

b) 7,000 g .... 18 kg

c) 5 Millions .... 5,000 Hundreds

d) 456,258 + 543,742 .... The greatest 7-digit number

4 Answer the following questions:

a) Ola's age is three times Maha's age. If Maha is 5 years old, then how old is Ahmed?

....

....

b) A city is in the shape of a rectangle. It is 4 kilometers wide and 8 kilometers long. What is the area of this city?

....

....

c) The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

....

....

Assessment on Unit 6



First: **Choose the correct answer:**

1. The number of **factors** of 16 is ....

   ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 6

2. 17 is a **prime** number because ....

   ⓐ it has one factor only ⓑ it has two factors only

   ⓒ it has no factors ⓓ it has more than two factors

3. The number that has the **factors** (1 , 2 , 3 , 4 , 6 , 8 , 12 , 24) is ....

   ⓐ 8 ⓑ 12 ⓒ 24 ⓓ 36

4. The **smallest odd** prime number is ....

   ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

5. The **greatest common factor** of 24 and 36 is ....

   ⓐ 6 ⓑ 12 ⓒ 4 ⓓ 3

6. .... is a **common multiple** of 8 and 6.

   ⓐ 12 ⓑ 16 ⓒ 48 ⓓ 36

7. If 6 X 8 = 48, then ....

   ⓐ 48 is a multiple of 6 and 8 ⓑ 48 is a factor of 6

   ⓒ 48 is the sum of 6 and 8 ⓓ 6 is a factor of 8

8. .... is an **odd** number and a **multiple** of the two numbers 5 and 7.

   ⓐ 70 ⓑ 49 ⓒ 35 ⓓ 25

9. .... is an **even** number and a **multiple** of the two numbers 5 and 3.

   ⓐ 15 ⓑ 45 ⓒ 60 ⓓ 50

10. .... is an **even** number, and (2 , 3 , 6 , 9) are of its **factors**.

    ⓐ 30 ⓑ 24 ⓒ 45 ⓓ 36

Second: Complete the following:

1. The **factors** of 14 are .... , ... , ... , ...
2. The **smallest odd** prime number is ....
3. The **prime numbers** between 20 and 40 are .... , ... , ... , and ....
4. The number that has **two factors only** is called a .... number.
5. The **smallest** two-digit prime number is ....
6. 2 is a factor of a number if the **Ones** digit of this number is ....
7. Multiples of 6, up to 20 are ....
8. The **common multiples** of 4 and 6 between 20 and 50 are ....
9. The relationship between the numbers 5, 6 and 30 is that 30 is a .... for 5 and 6.
10. .... is a prime number and the sum of its factors is 8.

Third: Find the greatest common factor for 40 , 32:

The factors of 40:

....

The factors of 32:

....

The **common factors** are: ....

The **greatest common factor** (GCF) is: ....

Fourth: **Find the multiples of 6 and 8, up to 50, then find the common multiples between them:**

The **multiples** of 6 are: ....

The **multiples** of 8 are: ....

The **common multiples** of the two numbers are: ....

Fifth: There is an alarm that rings every **3** hours and another alarm that rings every **two** hours. If they ring together at **12:00**, when will they ring again together? (Show your steps)

....

....

....

....

....

....

Sixth: Hana has **12** red balloons, **18** blue balloons, and **24** white balloons. Hana wants to form **equal groups** of balloons, so that all groups contain the same number of balloons of different colors.

How many groups can be formed?

How many balloons of each color are in each group?

....

....

....

....

....

....

Accumulative Assessments on Units 1–6

Assessment 1

1 Complete the following:

a) 725 dm = ... m, ... dm

b) In the opposite model , m = ...

m	
1,000	333

c) The number that comes just before 9,000,000 is ....

d) A rectangle has an area of 32 cm^2 and a width of 4 cm. Its perimeter is .... cm.

2 Choose the correct answer:

a) 4 Milliards = ... Ten Thousands

(400 or 4,000 or 40,000 or 400,000)

b) 3,425 + 4,768 - 193 = ... (8,000 or 80 or 800 or 8)

c) A square has a side length S and perimeter P, the equation that represents the perimeter is ....

(P = S + S or P = S X S or P = S + 4 or P = 4 X S)

d) 2,500 centimeters = ... meters (25 or 250 or 25,000 or 2,500)

3 Compare using (< , = or >):

a) The multiple of all numbers ◯ The factor of all numbers

b) 6 min, 4 sec ◯ 4 min, 6 sec

c) 240 X 100 ◯ 600 X 400

d) Double of 8 ◯ Triple of 5

4 Answer the following questions:

a) If the price of one pen is 3 pounds, what is the price of 7 pens?

....

....

b) A rectangle is 6 cm long and 4 cm wide. Write an equation that shows the area of the rectangle, then find the area.

....

....

c) Saleh has 15 apples and his sister Hala has 5 apples.

How many more times does Saleh have the same number of apples as Hala?

Equation: ....

Answer: ....

d) A person needs about 4 liters of water per day.

How many milliliters of water does a person need per day?

....

....

Assessment 2

1 Complete the following:

a) The value of the variable in the equation: $X - 1,250 = 3,000$

is ....

b) A garden is in the shape of a square whose sides are 10 meters, then its perimeter = ... meter.

c) 45 is .... times as many as 5

d) The GCF of 12 and 18 is ....

2 Choose the correct answer:

ⓐ The value of the digit 3 in the Hundred Millions place is ....

(3 00 or 3,000 or 300,000 or 300,000,000)

ⓑ 613 – 247 = ...   (567 or 434 or 366 or 807)

ⓒ 5 X 50 = ... X 10   (5 or 25 or 10 or 250)

ⓓ A number is 3 times greater than 7 , then the number is ....

(10 or 4 or 21 or 11)

3 Compare using (< , = or >):

ⓐ number of factors of 4 ◯ number of factors of 9

ⓑ The multiple of all numbers ◯ The factor of all numbers

ⓒ 240 ◯ 6 x 400

ⓓ 84 L, 84 mL ◯ 48 L, 48 mL

4 Answer the following questions:

ⓐ A water tank contains 500 liters of water. A family used 125 liters and 500 milliliters on one day and used 250 liters and 600 milliliters the other day. How much water is left in the tank?

....

....

ⓑ Sameh's book is 30 cm long. The cover of Sameh's book has a perimeter of 100 cm. What is Sameh's book width?

....

....

ⓒ If the price of one pen is 3 pounds, what is the price of 7 pens?

....

....

Assessment on Unit 7



First: **Choose the correct answer:**

1 The **rectangle area model** that represents "**23 X 8**" is ....

a

2	3	
8 X 2 = 16	8 X 3 = 24	8

b

20	3	
80 X 20 = 1,600	80 X 3 = 240	80

c

2	30	
8 X 2 = 16	8 X 30 = 240	8

d

20	3	
8 X 20 = 160	8 X 3 = 24	8

2 4 X (200 + 30 + 5) = 4 X ....

a 235 b 10 c 523 d 940

3 (5 X 7) + (5 X 30) + (40 X 7) + (40 X 30) = ... X ....

a 57 X 43 b 45 X 37 c 47 X 35 d 43 X 75

4 (8 X 6) + (8 X 20) + (8 X 100) = ... X ....

a 8 X 621 b 8 X 18 c 8 X 126 d 8 X 62,000

5 62 X 50 = ...

a (60 X 50) + (2 X 50) b (6 + 2) X 50

c 60 + 2 + 50 d 60 X 2 X 50

6 The following **rectangle area model** represents ....

X	30	7
30	900	210

a 3 X 37 b 3 X 307

c 30 X 37 d 30 X 307

7 The quotient of 157 ÷ 5 is between .... and ....

a 0 – 100 b 100 – 200 c 200 – 300 d 300 – 400

8 The number of digits of the quotient of 2,542 ÷ 6 is ....

a 1 b 2 c 3 d 4

9 The number that, if divided by 7, has a quotient of 24, and the remainder is 3, is ....

ⓐ 168 ⓑ 171 ⓒ 72 ⓓ 165

10 If the area of a rectangle is 104 cm^2, and its width is 8 cm, then its **length** is .... cm.

ⓐ 13 ⓑ 44 ⓒ 832 ⓓ 26

Second: Complete the following:

1 4,257 = 4,000 + 200 + ... + ...

2 80 X 900 = ...

3 If 8 X 5 = 40, then 40,000 ÷ 8 = ...

4 6 X .... = 30,000

5 The number that if divided by 8, the quotient will be 200 is ....

6 The estimation of 32 X 24 is .... X .... = ...

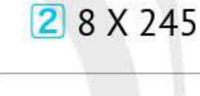
7 The remainder of 49 ÷ 6 is ....

8 75 = (12 X ....) + 3

9 The quotient of 945 ÷ 4 is between .... and ....

10 800 X 30 = 24 X ....

Third: Use the rectangle area model strategy to solve the following problems:

1 78 X 3



2 8 X 245



3 40 X 234

4 36 X 40

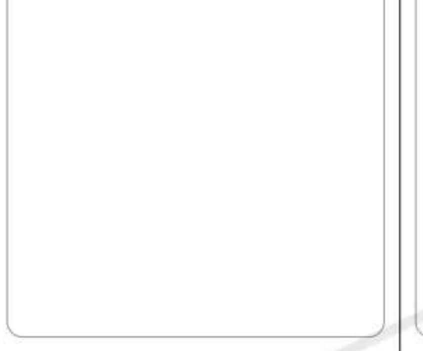
5 92 ÷ 4



6 849 ÷ 5

Fourth: **Use the multiplication/division partial algorithm to solve the following problems:**

1 98 X 6



2 145 X 7



3 80 X 315



4 70 X 29



5 72 ÷ 2



6 1,125 ÷ 5



Fifth: **Use the standard multiplication/division algorithm to solve the following problems:**

1 6 X 29

2 3 X 125

3 96 X 17

4 84 ÷ 6

5 981 ÷ 9

6 2,436 ÷ 4

Sixth: **Use the Distributive Property to solve the following problems:**

1 7 X 45 = 7 X (.......... + ...) = (.......... X ....) + (.......... X ....)

= .... + ... = ...

2 5 X 145 = 5 X (.............. + ... + ...)

= (.......... X ....) + (.......... X ....) + (.......... X ....)

= .... + ... + ... = ...

3 8 X 2,543 = 8 X (.................. + ... + ... + ...)

= (....... X ....) + (....... X ....) + (....... X ....) + (....... X ....)

= .... + ... + ... + ... = ...

Seventh: Answer the following using the appropriate strategy:

a The school bus can accommodate 45 students. If the school has 5 buses, and each bus makes two trips in the morning, how many students can be transported by all 5 buses in the two trips?

....

....

....

b Ahmed bought a car for 290,000 pounds, of which he paid 80,000 pounds as a down-payment, and the rest of the car's price will be paid in 7 equal installments. How much is one installment?

....

....

....

c April has 30 days. How many hours are there in this month?

....

....

....

d A charity association wants to distribute 3,168 pounds among 8 people. How much is the share of one person?

....

....

....

Accumulative Assessments on Units 1 – 7

Assessment 1

1 Complete the following:

a) The factors of 28 are .... , ... , ... , ... , ... , ...

b) 8 X .... = 40,000 c) 1,800 ÷ 5 = ...

d) 44,349 = ... *(In expanded form)*

2 Choose the correct answer:

a) 60,000 = ... Thousands (6 or 60 or 600 or 6,000)

b) 45 + 0 = 45 *(.................... Property)*

(Distributive or Identity Element or Commutative or Associative)

c) The value of x in the equation 200 + x = 62,340 is ....

(62,540 or 60,340 or 62,320 or 62,140)

3 Compare using (< , = or >):

a) 23,023 mL ◯ 23 L, 23 mL

b) 20 Thousands ◯ 500 X 40

c) 0 x 5 x 400 ◯ 5 x 4 x 3

d) The number of factors of a composite number ◯ The number of factors of a prime number

4 Answer the following questions:

a) If the length of a bus is 1,280 centimeters, how long are 3 buses?

(Use the Distributive Property)

....

....

Assessment 2

1 Complete the following:

a 7 + 6 = ... + 7 "..................... *Property*"

b 154 + 318 *(To the nearest 100)* .... + ... = ...

c 600,000 grams = ... kilograms

d 1 X 6 = ...

2 Choose the correct answer:

a The place value of the digit 7 in 251,475,253 is ....

(Thousands or Tens or Ten Thousands or Ten Millions)

b 25 + 75 = 75 + 25 "..................... *Property*"

(Distributive or Identity Element or Commutative or Associative)

c Numbers 7 and 49 in correctly, ...

(7 is a multiple of 49 or 7 is a factor of 49 or 49 is a factor of 7 or 7 equals 9 times 49)

d The common multiples of 2 and 3 together are multiples of the number .... (5 or 7 or 8 or 6)

3 Compare using (< , = or >):

a 20 X 50 ◯ 8 X 125

b 1600 x 10 ◯ 16 Thousands

c 450 ÷ 5 ◯ 350 ÷ 7

d 25 X 0 ◯ 4X (2 X 0)

4 Answer the following questions:

a The price of one pen is 90 piasters. How much are 20 pens?

....

....

b Hisham bought 7 kg of oranges, the price of one kilogram was 525 piasters. How much did Hisham pay for the oranges?

(Use the Distributive Property)

....

....

c A train has 8 cars. If the number of seats in one car is 64, how many seats does the train have?

....

....



Assessment on Unit 8



First: **Choose the correct answer:**

1. $302 \times 20 =$ ....
   - a) 6,400
   - b) 600
   - c) 6,040
   - d) 60,400

2. $5 + 5 \times 5 - 5 =$ ....
   - a) 25
   - b) 45
   - c) 5
   - d) 0

3. $6 \times 5 \times 3 + 2 =$ ....
   - a) 92
   - b) 150
   - c) 35
   - d) 180

4. $(36 \div 4) + 3 \div 3 =$ ....
   - a) 10
   - b) 46
   - c) 4
   - d) 12

5. $48 \div (18 \div 3) + 4 =$ ....
   - a) 12
   - b) 63,235
   - c) 42,307
   - d) 50,006

6. .... $= 3$
   - a) $3 + (2 \times 4)$
   - b) $(13 - 4) \div 3$
   - c) $7 \times (3 + 2)$
   - d) $45 \div 2 - 2$

7. $(6 + 12) \div (3 - 2) =$ ....
   - a) 8
   - b) 18
   - c) 4
   - d) 10

8. $(9 + 6) \times 2 \div 3 =$ ....
   - a) 13
   - b) 15
   - c) 20
   - d) 10

9. $7 - 7 \times 7 \div 7 =$ ....
   - a) 0
   - b) 49
   - c) 14
   - d) 21

Second: Find the result:

1. 80 X 240 = ... 2. 92 X 5 = ...
3. 868 ÷ 7 = ... 4. 5,231 + 6,427 ....
5. 78029 – 32,171 = ...

Third: Complete using (<, = or >):

1. 100 X 40 ◯ 50 X 80 2. 847 ÷ 7 ◯ 655 ÷ 5
3. 5 + 5 X 8 ◯ 5 X 5 + 8
4. 2,000 + 3,100 ◯ 4,050 + 1,050

Fourth: Match:

1. 10 X 100	a. 153
2. 5	b. 9,000 ÷ 1,000
3. 4 X (3 + 2) – 6	c. (7 X 4) – 23
4. 306 ÷ 2	d. 14
5. 9	e. 20 X 50

Fifth: Complete the following:

1. The remainder of **97 ÷ 9** is ....
2. **If** 3 X 8 + **a** = 30, **then** **a** = ...
3. The number that if divided by **7**, the quotient will be **5** and the remainder is **4**, is ....
4. There are **21** boys and **24** girls in the class, their teacher wants to divide them into **5** groups.

   How many students will be in each group? ....

Accumulative Assessments on Units 1 – 8

Assessment 1

1 Complete the following:

a) 12 ÷ 4 + 15 ÷ 3 = ... = ...

b) If 40 ÷ 8 = 5 , 5 is called ....

c) The only even prime number is ....

d) 9 x n = 7 x 9, n = ...

2 Choose the correct answer:

a) Six hundred and fifty million, thirteen thousand, five hundred, twenty-six *(In standard form)* = ...

(605,130,516 or 605,013,516 or 650,013,526 or 6,513,516)

b) 56 + ... = 54 + 100 (102 or 98 or 154 or 200)

c) 3 X 2 + 8 X 2 = ... (23 or 24 or 22 or 32)

d) 5 X (400 + 3 + 70) = 5 X .... (400,370 or 437 or 473 or 374)

3 Compare using (< , = or >):

a) 450 ÷ 5 ☐ 350 ÷ 7

b) 18 X 5 ☐ 6 X 3 X 5

c) 510 Hundreds ☐ 20 Tens

d) 1 hour ☐ 500 minutes

4 Answer the following questions:

The day is 24 hours, how many hours are there in a week?

....

....

b) Find the GCF of 36 and 48.

....

....

c Sara bought 3 meters of cloth for 189 pounds. What is the price of one meter of this cloth?

....

....

Assessment 2

1 Complete the following:

a (5 X 6) + (5 X 20) = 5 X ....

b The factors of 23 are .... and ....

c 56 is 7 times ....

d .... Hundreds = 400 X 50

2 Choose the correct answer:

a (4 X 1,000,000, 000) + (5 X 10,000,000) + (3 X 1,000,000) + (4 X 1,000) + (5 X 100) + (3 X 1) = ... *(In standard form)*

(453,453 or 4,053,004,503 or 4,053,000,453 or 4,530,045,003)

b 0 + 215 = 215 *“.............................. Property”*

(Identity Element or Rounding or Associative or Distributive)

c If 40 ÷ 8 = 5 , then 8 is called ....

(divisor or dividend or quotient or remainder)

d 24 ÷ 4 + 6 ÷ 3 = ... (4 or 8 or 19 or 2)

3 Compare using (< , = or >):

a 2,500 ÷ 5 ⬭ 45,000 ÷ 9

b Value of x in 3 x = 27 ⬭ value of x in x + 3= 30

c 9 - (5 – 2) ⬭ 9 – 5 – 2

d 23,023 mL ⬭ 23 L, 23 mL

4 Answer the following questions:

a) 95 X 14 = ...

....

b) A candy box contains 15 pieces. How many candy pieces in 9 similar boxes?

....

....

c) Find the GCF of 10 and 15.

....

....

d) An apartment building has 20 floors. If each floor has 18 apartments, what is the total number of apartments in the building?

....

....

2 Final Revision

First: **Choose the correct answer:**

1. The value of the digit 7 in 125,357 is ....

   a) 7 b) 70 c) 700 d) 7,000

2. 3,400,003,025 = ...

   a) 3 milliard + 400 million + 300 thousand + 25
   b) 3 milliard + 4 million + 3 thousand + 25
   c) 3 milliard + 400 million + 3 thousand + 25
   d) 4 milliard + 300 million + 25 thousand + 3

3. 275 Millions = ...

   a) 275 b) 275,000 c) 275,000,000 d) 200,070,005

4. The smallest 5-different-digit number is ....

   a) 10,000 b) 90,000 c) 10,234 d) 12,345

5. The largest number that can be formed from the digits 2, 7, 1, 0, 3 is ....

   a) 30,217 b) 70,321 c) 73,210 d) 10,237

6. 500 + 0 + 25 = ...

   a) 500,025 b) 5,025 c) 525 d) 50,025

7. 60 Hundred Thousands = ...

   a) 60,000 b) 600,000 c) 6,000,000 d) 6,000

8. 4 Million = ... Ten Thousands

   a) 400 b) 4,000 c) 40,000 d) 400,000

9. The value of the digit 3 in 9,237,468,258 is ....

   a) 3,000,000,000 b) 300,000,000 c) 30,000,000 d) 3,000,000

10. The smallest number formed from the digits (5, 6, 7, 2, 0, 8) is ....

    a) 876,250 b) 205,678 c) 678,205 d) 567,208

11 The number 35,200,810 in word form is ....

a) thirty-five thousand, two hundred eighty-one
b) thirty-five million, two hundred thousand, eight hundred, ten
c) three hundred fifty-two million, eight hundred, ten
d) thirty-five million, two thousand, eight hundred, ten

12 (6 X 1,000,000,000) + (6 X 10,000,000) + (6 X 10,000) + (6 X 100) + (6 X 10) = ...

a) 6,060,060,660 b) 660,060,660
c) 6,660,000,660 d) 6,666

13 3,000,000,000 + 50,000,000 + 12,000 + 245 = ...

a) 3,512,245 b) 3,512,245
c) 3,512,000,245 d) 3,050,012,245

14 5,000,000,000 + 500,000,000 + 50,000 + 500 = ...

a) 5,555 b) 5,000,550,500
c) 5,500,050,500 d) 5,550,000,500

15 Three hundred five million, seven hundred thousand, sixteen = ...

a) 350,716,000 b) 350,700,016
c) 305,700,160 d) 305,700,016

16 Five milliard, six million, nine thousand, seven = ...

a) 5,697 b) 5,006,009,007
c) 5,060,090,070 d) 5,600,900,700

17 (3 X 100,000,000) + (3 X 10,000,000) + (3 X 100,000) + (3 X 10,000) + (3 X 100) + (3 X 10) = ...

a) 33 million, 33 thousand, 33 b) 303 million, 303 thousand, 303
c) 330 million, 330 thousand, 330 d) 333 thousands, 333

18 The value of the digit in the Hundred Thousands place .... than the value of the digit in the Millions place.

ⓐ < ⓑ = ⓒ > ⓓ other

19 The smallest 9-digit number < ....

ⓐ One milliard ⓑ 100 million ⓒ 999 thousand ⓓ 999 million

20 Two milliard, three thousand, three: .... *(In standard form)*

ⓐ 2,300,300 ⓑ 2,000,003,003

ⓒ 2,000,303,000 ⓓ 2,003,003

21 906,456 ≈ .... *(To the nearest 100,000)*

ⓐ 906,000 ⓑ 1,000,000 ⓒ 910,000 ⓓ 900,000

22 6,587 ≈ 6,600 *(To the nearest ....)*

ⓐ 10 ⓑ 100 ⓒ 10,000 ⓓ 1,000

23 6,546 ≈ 6,500 *(To the nearest ....)*

ⓐ 10 ⓑ 100 ⓒ 1,000 ⓓ 10,000

24 The expanded form of the numeral 7,215,603 is ....

ⓐ 3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000

ⓑ 3 + 60 + 500 + 1,000 + 20,000 + 700,000

ⓒ 3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000

ⓓ 3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000

25 3,000,000,020 in word form is ....

ⓐ three milliards twenty ⓑ three billions twenty thousand

ⓒ 30,000,000 + 20 ⓓ 300,000,000 + 20

26 850 Hundreds = ... Tens

ⓐ 80 ⓑ 85,000 ⓒ 8,500 ⓓ 80,000

27 3million , 6 thousand , 24 in the standard form is ....

ⓐ 3,060,02 ⓑ 3,600,024 ⓒ 3,006,024 ⓓ 3,006,240

28 The digit in the Hundred Thousands place in 3,910,472 is ....

ⓐ 1 ⓑ 2 ⓒ 4 ⓓ 9

29 The rounding of 256,109,470 to the nearest Million is ....

ⓐ 260,000,000 ⓑ 256,000,000

ⓒ 256,100,000 ⓓ 257,000,000

30 Which digit can be placed in the bubble to make the mathematical expression correct? 6,201,351 > 6, 20◯,351

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

31 Which number could be rounded to 62,000,000 when rounded to nearest 1,000,000?

ⓐ 6,061,470,000 ⓑ 62,703,147 ⓒ 61,901,478 ⓓ 622,000,000

32 (3 x 50,000) + (3 x 6,000) + (3 x 500) + (3 x 60) + (3 x 7) = ...

ⓐ 3 x 56,657 ⓑ 3 x 56,567 ⓒ 3 x 65,567 ⓓ 3 x 56,765

33 14 million .... 4 milliard

ⓐ > ⓑ = ⓒ < ⓓ ≥

34 The value of the digit 5 in 7,125,801 is ....

ⓐ 50 ⓑ 500 ⓒ 5,000 ⓓ 50,000

35 The number 5,325 in the decomposed form is ....

ⓐ (3 × 1000) + (5 × 100) + (2 × 10) + (5 × 1)

ⓑ (5 × 1000) + (3 × 100) + (2 × 10) + (5 × 1)

ⓒ (5 × 1000) + (2 × 100) + (3 × 10) + (5 × 1)

ⓓ (2 × 1000) + (5 × 100)+ (3 × 10) + (5 × 1)

36 Seven million, three hundred twenty six thousand in the standard form is ....

ⓐ 7,236,000 ⓑ 7,326,000 ⓒ 7,000,236 ⓓ 7,000,326

37 3,752,000 .... three milliard twenty.

- ⓐ <
- ⓑ >
- ⓒ =
- ⓓ <

38 5 Milliards = ... Millions

- ⓐ 5
- ⓑ 50
- ⓒ 500
- ⓓ 5,000

39 500 Ten Thousands = ... Millions

- ⓐ 5,000
- ⓑ 500
- ⓒ 50
- ⓓ 5

40 When approximating the number 3,999 to the nearest Ten is ....

- ⓐ 4,900
- ⓑ 4,000
- ⓒ 5,990
- ⓓ 5,000

41 The greatest number can be formed from the digit 3, 9, 0, 5 is ....

- ⓐ 9,305
- ⓑ 5,390
- ⓒ 9,530
- ⓓ 3,059

42 21 Hundreds = ...

- ⓐ 2,100
- ⓑ 1,200
- ⓒ 210
- ⓓ 21,000

43 175,150 ☐ 900,000

- ⓐ <
- ⓑ >
- ⓒ =
- ⓓ otherwise

44 9 + 2 = 2 + 9 ".................... *Property*"

- ⓐ Identity Element
- ⓑ Commutative
- ⓒ Associative
- ⓓ Distributive

45 (100 + 117) + 25 = 100 + (117 + 25) ".................... *Property*"

- ⓐ Identity Element
- ⓑ Commutative
- ⓒ Associative
- ⓓ Distributive

46 45 + 0 = 45 ".................... *Property*"

- ⓐ Identity Element
- ⓑ Commutative
- ⓒ Associative
- ⓓ Distributive

47 25 + (75 + 26) = (25 + 75) + 26. ".................... *Property*"

- ⓐ Distributive
- ⓑ Identity Element
- ⓒ Commutative
- ⓓ Associative

48 25 + 75 = 75 + 25 "................ *Property*"

ⓐ Distributive ⓑ Identity Element

ⓒ Commutative ⓓ Associative

49 The result of 559 + 107 using the compensation strategy is ....

ⓐ 560 + 108 = 667 ⓑ 560 + 106 = 666

ⓒ 550 + 100 = 650 ⓓ 500 + 100 = 600

50 A store has 4,000 toys, and 3,600 toys are left. If P represents the number of sold toys, then which bar model represents this equation?

ⓐ

3,600	
4,000	P

ⓑ

P	
3,600	4,000

ⓒ

4,000	
3,600	P

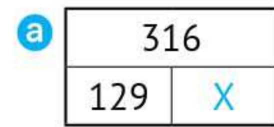
ⓓ

3,000	
3,600	P

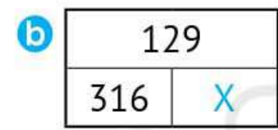
51 613 – 247 = ...

ⓐ 567 ⓑ 434 ⓒ 366 ⓓ 807

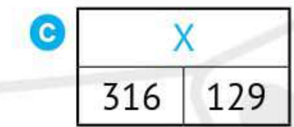
52 Maryam bought a novel containing 316 pages, she read 129 pages. Which of the following bar models represents the remaining pages?

ⓐ 

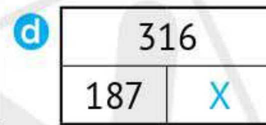
316	
129	X

ⓑ 

129	
316	X

ⓒ 

X	
316	129

ⓓ 

316	
187	X

53 65,400 – 8,912 = ...

ⓐ 56,800 ⓑ 56,412 ⓒ 56,488 ⓓ 63,512

54 The additive identity is ....

ⓐ 1 ⓑ 0 ⓒ 10 ⓓ 60

55 The estimation of 6,563,235 using the Front-End Estimation strategy is ....

ⓐ 6,000,000 ⓑ 6,500,000 ⓒ 6,600,000 ⓓ 7,000,000

56 The additive neutral element is ....

ⓐ 3 ⓑ 2 ⓒ 0 ⓓ 1

57 952 – 341 = ...

ⓐ 243 ⓑ 611 ⓒ 116 ⓓ 911

58 The additive identity element is ....

ⓐ 2 ⓑ 1 ⓒ 3 ⓓ 0

59 13 + 45 = 45 + 13 , the property used is the .... Property.

ⓐ Associative ⓑ Commutative

ⓒ Additive Identity Element ⓓ Zero

60 If 9 + X = 27, then X = ...

ⓐ 927 ⓑ 63 ⓒ 36 ⓓ 18

61 Round 8,424,214 to the nearest millions = ...

ⓐ 8,000,000 ⓑ 9,500,000 ⓒ 8,500,000 ⓓ 7,000,000

62 The best unit for measuring the height of a child is ....

ⓐ kilometers ⓑ meters ⓒ centimeters ⓓ millimeters

63 The best unit for measuring the length of an eraser is ....

ⓐ millimeters ⓑ centimeters ⓒ meters ⓓ kilometers

64 6,000 cm ◯ 600 m

ⓐ < ⓑ = ⓒ > ⓓ >

65 200,000 cm = ...

ⓐ 2 km ⓑ 20 m ⓒ 200 dm ⓓ 200 mm

66 The kilogram is the best unit for measuring the mass of a ....

ⓐ ruler ⓑ balloon ⓒ pencil ⓓ desk

67 The liter is a measurement unit of the ....

ⓐ weight ⓑ capacity ⓒ mass ⓓ length

68 60 liters + 6 milliliters = ... milliliters

ⓐ 606 ⓑ 60,006 ⓒ 60,060 ⓓ 66

69 6,000 m = ... km

ⓐ 6000 ⓑ 600 ⓒ 60 ⓓ 6

70 4 m = ... cm

ⓐ 40 ⓑ 400 ⓒ 4000 ⓓ 4

71 3 dm = ... cm

ⓐ 3000 ⓑ 30 ⓒ 300 ⓓ 3

72 50,000 m .... km

ⓐ 5 ⓑ 5000 ⓒ 500 ⓓ 50

73 The largest number that can be formed from the digits (5, 3, 4, 7, 0, 6) is ....

ⓐ 765,430 ⓑ 304,567 ⓒ 706,543 ⓓ 345,670

74 5 kg = ... g

ⓐ 5,000 ⓑ 5 ⓒ 50 ⓓ 500

75 20 km = ... meters

ⓐ 2 ⓑ 200 ⓒ 2,000 ⓓ 20,000

76 8 + 12 = 12 + 8 "............................. *Property*"

ⓐ Distributive ⓑ Commutative

ⓒ Associative ⓓ Neutral Element

77 13 liters and 30 mL = ...mL

ⓐ 1,330 ⓑ 13,030 ⓒ 43 ⓓ 3,013

78 8m, 14 dm = ... dm

ⓐ 814 ⓑ 13 ⓒ 94 ⓓ 49

79 8 hours = ... minutes

ⓐ 480 ⓑ 192 ⓒ 80 ⓓ 800

80 4 L + 4,000 mL = ... mL

ⓐ 8 ⓑ 8,000 ⓒ 4,400 ⓓ 4,000

81 6500 g = ... kg , ... g

ⓐ 65 kg , 0 g ⓑ 6 kg , 500 g ⓒ 6 kg , 5 g ⓓ 80 kg

82 6:30 + 20 min = ...

a 7 hours　b 6:50　c 6:10　d 6

83 The suitable mass of a cat is ....

a 60 kg　b 5,000 kg　c 80 kg　d 5 kg

84 40 m + 20 cm = ... cm

a 420　b 42　c 60　d 4,020

85 7 km , 425 m = ... m

a 700,425　b 7,524　c 7,245　d 7,425

86 5 kilometers, 45 meters = ... meters

a 545　b 455　c 4,000,045　d 5,045

87 3 hours = ... minutes

a 120　b 180　c 100　d 240

88 5 kg = ... grams

a 50　b 500　c 5　d 5,000

89 9 kg , 35 g = ... g

a 900,035　b 9,035　c 9,350　d 9,305

90 The scale of the graduated cylinder may be 5 or ....

a 10　b 20　c 100　d 4

91 A rectangle has a length of 7 cm and a width of 5 cm. Its perimeter is .... cm.

a 97　b 13　c 35　d 24

92 A rectangle has a length of 8 cm and a width of 6 cm. Its perimeter is ....

a 48　b 14　c 28　d 35

93 A square has sides of 7 mm, its surface area .... mm^2 .

a 14　b 49　c 28　d 36

94 A rectangle has a length of 6 cm and a width of 3 cm. Its perimeter is ....

a 36 cm^2　b 18 cm　c 18 cm^2　d 9 cm^2

95 A square has a perimeter of 12 cm, then its area is .... cm^2.

ⓐ 48 ⓑ 9 ⓒ 36 ⓓ 144

96 The best unit for measuring the height of a school is ....

ⓐ kilometers ⓑ meters ⓒ centimeters ⓓ millimeters

97 The area of a square with a side length of 7 cm is ....

ⓐ 7 cm^2 ⓑ 14 cm^2 ⓒ 49 cm^2 ⓓ 343 cm^2

98 The area of a square is = ...

ⓐ 4 x S ⓑ S x S ⓒ L x W ⓓ (L + W) x2)

99 In a rectangle, the half perimeter is equal to ....

ⓐ the half area ⓑ L + w ⓒ (L + W) x 2 ⓓ 1

100 The perimeter of the square, whose side length is 6 m, is ....

ⓐ 8 m ⓑ 12 m ⓒ 36 m ⓓ 24 m

101 Perimeter of a square = ...

ⓐ S X S ⓑ L X W ⓒ 2L + 2W ⓓ S X 4

102 If a rectangle's length is L and its width is W, then its perimeter =

....

ⓐ L + W ⓑ L X W ⓒ (L + W) X 2 ⓓ (2 + L) + W

103 The perimeter of the rectangle whose length is 8 cm and its width is 7 cm is .... cm.

ⓐ 15 ⓑ 56 ⓒ 87 ⓓ 30

104 The perimeter of the rectangle whose length is 6 m and its width is 3 m is ....

ⓐ 18 m ⓑ 12 m ⓒ 18 cm ⓓ 24 m

105 Perimeter of a square = ...

ⓐ S X S ⓑ L X W ⓒ 2L + 2W ⓓ S X 4

106 A square has a perimeter of 36 cm, then its area is .... cm^2.

ⓐ 24 ⓑ 9 ⓒ 12 ⓓ 81

107 50 X .... = 2,000

a 4 b 40 c 400 d 4,000

108 7 X (3 X 5) = (.............................. X 3) X 5

a 21 b 7 c 5 d 3

109 6 X 300 = 18 X ....

a 9 b 10 c 100 d 1,000

110 If 45 = 9 X a, then a = ...

a 54 b 45 c 9 d 5

111 If 7 x K = 49, then K = ...

a 6 b 7 c 8 d 9

112 If e x 6 = 24, then e = ...

a 6 b 4 c 16 d 24

113 A number is 3 times greater than 7, then the number is ....

a 10 b 4 c 21 d 11

114 The number 20 equals 5 times the number ....

a 4 b 5 c 15 d 25

115 5 times .... = 45

a 6 b 9 c 40 d 10

116 If a X 31 = 31 X 9, then a = ...

a 3 b8 c 9 d 31

117 If 6 × 7 = 42, then 42 is a .... of 6 and 7.

a multiple b factor c double d triple

118 56 is seven times ....

a 8 b 448 c 63 d 756

119 Which equation would be best to include an explanation of the commutative Property of multiplication?

a 3 × 1 = 3 b 9 × 6 = 6 × 9

c 6 × [2 × 4] = [6 × 2] × 4 d 5 × 16 = [5 × 11] + [5 × 5]

120 $2 \times 3 \times 4 =$ ....

ⓐ 234 ⓑ 9 ⓒ 24 ⓓ 10

121 $9 \times m = 36$, then $m =$ ....

ⓐ 4 ⓑ 36 ⓒ 3 ⓓ 18

122 the multiplication equation of 3 + 3 + 3 + 3 + 3 = 15 is ....

ⓐ 3 x 5 ⓑ 15 x 6 = 3 ⓒ 3 x 5 = 15 ⓓ 3 x 3

123 4 X 300 = ...

ⓐ 700 ⓑ 1,200 ⓒ 800 ⓓ 240

124 20 X 5 = 2 X ....

ⓐ 10 ⓑ 50 ⓒ 30 ⓓ 60

125 30 X .... = 3,600

ⓐ 120,000 ⓑ 12 ⓒ 120 ⓓ 1,200

126 8 X 500 = 4 X ....

ⓐ 10 b100 ⓒ 1,000 ⓓ 10,000

127 .... is a prime number.

ⓐ 64 ⓑ 15 ⓒ 17 ⓓ 21

128 The number that has only two factors is called a/an .... number.

ⓐ composite ⓑ prime ⓒ even ⓓ odd

129 A number whose factors are (1 ,2 ,4 ,5 ,10 ,20) is ....

ⓐ 5 ⓑ 10 ⓒ 100 ⓓ 20

130 6 is a composite number because it has ....

ⓐ one factor only ⓑ two factors only

ⓒ more than two factors ⓓ no factors

131 .... is a factor of 8.

ⓐ 2 ⓑ 16 ⓒ 12 ⓓ 5

132 .... is an even number that is a multiple of 2, 3, 4 and lies between 20 and 30.

ⓐ 24 ⓑ 26 ⓒ 28 ⓓ 45

133 50 x .... = 20,000

a 4 b 40 c 400 d 4,000

134 16 has .... factors.

a 6 b 5 c 1 d 16

135 .... is a factor of 60.

a 10 b 6 c 2 d all of them

136 All prime numbers are odd, except ....

a 0 b 1 c 3 d 2

137 If 6 × 7 = 42, then 42 is a .... of 6 and 7.

a multiple b factor c double d triple

138 Which is NOT a common multiple of 9 and 6?

a 18 b 27 c 36 d 54

139 .... is a prime number.

a 16 b 11 c 15 d 18

140 The prime number is the number that has .... factor(s).

a 0 b 1 c 2 d 3

141 The common factor of all numbers is ....

a zero b 1 c 3,000 d 3

142 The greatest common factor (GCF) of 10 and 24 is ....

a 34 b 22 c 2 d 14

143 5 has .... factor(s) only.

a 1 b 2 c 3 d 4

144 The common multiples of 2 and 3 together are multiples of the number

a 5 b 27 c 8 d 6

145 .... is a factor of 72.

a 5 b 9 c 7 d 11

146 Which of the following equations is correct?

a 365 x 5 = 73 b 365 x 73 = 5

c 365 ÷ 5 = 73 d 73 ÷ 365 = 5

147 If 600 ÷ 10 = 60 then the divisor is ....

ⓐ 1 ⓑ 10 ⓒ 60 ⓓ 600

148 If 40 ÷ 8 = 5, then 5 is called ....

ⓐ divisor ⓑ dividend ⓒ quotient ⓓ remainder

149 The related fact of 25,000 ÷ 5 is ....

ⓐ 250 ÷ 5 = 5 ⓑ 25 ÷ 5 = 5

ⓒ 20 ÷ 5 = 4 ⓓ 2,500 ÷ 5 = 500

150 Which of the following equations represents the opposite division problem?

$$5 \overline{)365}\ \ \text{quotient } 73$$

ⓐ 365 × 5 = 73 ⓑ 365 × 73 = 5 ⓒ 365 ÷ 5 = 73 ⓓ 73 ÷ 365 = 5

151 Which expression can be used to check the answer 179 of the following division problem?

```
5 | 896
  - 500
    390
  - 350
     46
  -  45
      1
```

ⓐ 179 + 5

ⓑ 179 × 5

ⓒ 179 + 5 × 1

ⓓ 179 × 5 + 1

152 5 X (400 + 3 + 70) = 5 X ....

ⓐ 400,370 ⓑ 437 ⓒ 473 ⓓ 374

153 805 X .... = 3,220

ⓐ 4 ⓑ 6 ⓒ 7 ⓓ 10

154 If 8 + X = 3 x 8, then X = ...

ⓐ 3 ⓑ 8 ⓒ 16 ⓓ 12

155 (4 X 5) + (4 X 20) + (30 X 5) + (30 X 20) = ... X ....

ⓐ 43 X 52 ⓑ 34 X 25 ⓒ 42 X 35 ⓓ 32 X 45

156 3 X 2 + 8 X 2 = ...

ⓐ 23 ⓑ 24 ⓒ 22 ⓓ 32

157 3,200 ÷ 4 ______ 8,000 ÷ 8

ⓐ > ⓑ = ⓒ < ⓓ ≥

Second: Complete the following:

1. 25 Millions + 250 Thousands + 200 = ...
2. 7,000,021 = ... Millions + ... Thousands + ...
3. 77,002,205 is read as: ....
4. The digit .... in 922,157,528 is in the Hundred Millions place.
5. 600,000 = 10 times of ....
6. 4,000,000,000 + 6,000,000 + 20,000 + 300 + 20 + 6 *(In standard form)*

   = ...
7. Five hundred million, twenty thousand, fifty: *(In standard form)*

   ....
8. The number 5,005,050,500 = *(In word form)*

   ....

   ....
9. 99,999 ≈ .... *(To the nearest 10)*
10. 7,869 ≈ .... *(To the nearest 100)*
11. 4,545 ≈ .... *(To the nearest 1,000)*
12. 258,654 ≈ .... *(To the nearest 100,000)*
13. 89,541 ≈ .... *(To the nearest 10,000)*
14. 2,856 + 6,410 = ... ≈ .... *(To the nearest 1,000)*
15. 49,745,554 *(Round to the nearest Million)* ....
16. The word form of 7,000,850,004 is ....

    ....
17. 30,441,085 ≈ 30,400,000 *(Rounded to the nearest ....)*
18. 6,564,735 ≈ *(Round to nearest Hundred Thousand)* ....
19. 80,503,004 = 80,000,000 + ... + 500,000 + ...
20. The greatest number can be formed from the digits 3, 6, 5, 4, 8, 2 and 9 is

21 5,768,125,345 ≈ .... *(To the nearest Ten Thousand)*

22 (13 x 100,000) + (4 x 10,000) + (18 x 100) + (6 x 1) in standard form

is ....

23 3,010 = ... + ...

24 The place value of the digit 6 in 53,106,720 is ....

25 45,218 ≈ .... *(Round to the nearest 10,000)*

26 .... = 20 Thousands

27 20,000,000 + 600,000 + 50,000 + 60 + 5 *(In word form)* ....

....

28 (41 + 27) + 21 + 94 = ... + (27 + 21) + ...

".. *Property*"

29 (85 + 48) + 52 = ... + (48 + 52) ".. *Property*"

30 96 – 24 *(To the nearest 10)* .... – .... = ...

31 If X – 5,472 = 8,400 , then X = ...

32 9,845,122 – .... = 100,000

33 The additive identity is ....

34 The multiplicative identity is ....

35 The value of the variable in the equation:

b – 1,250 = 3,000 is ....

36 The value of x in the equation 200 + x = 62,340 is ....

37 In the opposite bar model, the value of b = ...

b	
9,901	1,000

38 80 km, 60 m = ... m

39 A liter is a measurement unit of ....

40 15 kg, 20 g = ... g

41 80,000 milliliters = ... liters

42 3 liters, 500 milliliters = ... milliliters

43 29 hours = ... days and.................... hours

44 95 minutes = ... hours and .... minutes

45 A box has a mass of 5 kg and 700 g, then its mass in grams = ... g.

46 3 hours = ...minutes

47 7,900 g = ... kg, ... g

48 3 days = ... hours

49 4:48 + 34 minutes = ... : ....

50 5 hr, 40 minutes = ... minutes

51 3 hours and 20 minutes = ... minutes

52 2 hours and 30 minutes = ... minutes

53 4 liters = ... milliliters

54 Two weeks and three days = ... days

55 A rectangle is 10 cm long and 5 cm wide, then its area = ... cm^2

56 The perimeter of a square whose side length is 1 cm equals .... cm.

57 If a rectangle's width is 4 cm and its length is 6 cm, then its area is .... cm^2.

58 A square has a side length of 4 meters, then its area is .... cm^2.

59 If the side length of a square is 10 cm, then its area = ... cm^2.

60 A square whose side length is 7 meters, then its area = ... m^2.

61 If the perimeter of a square is 24 m, then its side length is = ... m.

62 If a rectangle's length = 8 cm, its width = 4 cm, then its area = ... cm^2.

63 A rectangle has a length of 8 cm, and width of 5 cm, then its area = ... cm^2.

64 If the area of a rectangle = 24 cm^2, and its length = 6 cm, then its width = ... cm.

65 If a rectangle's length is 12 cm, and its width is 4 cm, then its area = ... cm^2.

66 If the perimeter of a square is 48 m, then its side length is = ... m.

67 If the length of a rectangle is (L) and its width is (w), then the formula of the perimeter of this rectangle is ....

68 If the area of a square is 25 cm^2, then its perimeter is .... cm.

69 Side length x itself is the .... of a square.

70 If a rectangle has a length of 7 cm, and width of 4 cm, then its area = ... cm^2.

71 If a square has side lengths of 5 meters, then its perimeter = ... meter.

72 5 times greater than 3 is b . Equation: ....

73 a is 4 times as many as 9. Equation: ....

74 28 is 7 times greater than x . Equation: ....

75 35 is 5 times more than y . Equation: ....

76 48 is 6 times as many as h . Equation: ....

77 64 is m times as many as 8. Equation: ....

78 If b X 5 = 35, then b = ...

79 If m X 9 = 45, then m = ...

80 If e = 8 X 6, then e = ...

81 What number is 6 times more than 3? Equation : ....

Answer : ....

82 The equation that represents "24 is 3 times more than a number" is ....

83 If 3 x = 18 , then x = ...

84 If 6 y = 42 , then y = ...

85 If 28 = 4 X m , then m = ...

86 If 24 is six times a, then 24 = ...

87 If 45 = 9 X u, then 45 is .... times more than u.

88 9 x 0 = ...

89 4 x 10 = ...

90 6 x 100 = ...

91 7 x 1000 = ...

92 564 X 1,000 = ...

93 9 X 7 = ... X 9

94 7 X .... = 0

95 .... X 5 = 0

96 .... X 10 = 400

97 .... X 100 = 1,700

98 48 X .... = 48,000

99 60 X 5,000 = ...

100 .... X 20 = 10,000

101 8 X .... = 8

102 80 X 50 = ...

103 10 X 6 X 8 = (.............. X ....) X .... = ... X .... = ...

104 (2 X ....) X 8 = ... X (7 X 8)

105 (8 X 10) X .... = ... X (10 X 2)

106 (35 X ....) x 9 = ... X (22 x 9)

107 (25 X ....) x 16 = ... X (18 x 16)

108 9 X 200 = ... X (2 X ....) = (.................. X ....) X ....

= .... x .... = ...

109 .... X 2,000 = ... X (.................. X 1,000)

= (8 X ....) X .... = 16 X 1,000 = ...

110 4 X 8,000 = ... X 1,000

111 (8 X 5) X 6 = ... X 6 = ...

112 4 X (8 + 9) = (4 X ....) + (4 x ....)

113 9 X (.................................. + ...) = (9 X 3) + (9 X 4)

114 If 5 X 8 = 40, then 4,000 ÷ 5 = ...

115 6,000 ÷ 6 = ...

116 .... x 6 = 18,000

117 5 X 8 – 5 = ... = ...

118 (10 + 80) ÷ 3 – 20 = ... = ...

119 The value of 30 – 4 X (4 + 2) = ...

120 3 + 5 X 6 + 2 = ...

Third: **Answer the following:**

1 686 tourists visited the Egyptian Museum on Sunday, and 621 tourists visited it on Monday. How many tourists visited the museum in the two days?

....

2 A primary school with 1,028 students, 542 of them are girls. How many boys are there in this school?

....

3 Eman has 3,256 pounds, and Sameh has 2,804 pounds. What is the difference between their money?

....

4 There are 1,200 ants in the colony. Some ants go out looking for food, while 700 ants dispose of the garbage outside the colony. How many ants go out looking for food ?

....

5 A worker ant travelled 3,500 meters on Monday and then 2,450 meters on Tuesday to search for food. How far did the ant travel on Monday and Tuesday together?

....

6 The number of books in the school library is 890, and the number of borrowed books is 258. If students return all borrowed books, how many books will be in the library?

....

7 Mahmoud saved 250,000 piasters and got 39,000 piasters from his father. What is the sum of Mahmoud's money?

....

8 Salma was counting the ants in the colony. She counted 1,525 ants on Monday, 19,750 ants on Tuesday, and 3,705 ants on Wednesday. If there are 30,520 ants in the colony, how many ants does she still need to count?

....

....

9 When the scientists poured cement into the ant colony and dug inside it, they found that the colony was 8 m deep. How many centimeters is the depth of the ant colony?

....

10 If one black ant can walk 250 meters in one hour, how many hours will it take to walk 1 kilometer?

....

11 The total weight of all ants on Earth equals the total weight of all humans. One ant colony weighs 3,493 grams. Rewrite this number using kilograms and grams.

....

12 The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

....

....

13 Two hundred thousand ants drink one liter of water.
How many milliliters of water do the ants drink?

....

14 If the weight of Hala is 65 kg and 250 grams, what is the weight of Hala in grams?

....

15 The pupa (virgin) is white in color and resembles an adult ant with its legs and antennae folded and covered with a white or brown cocoon. It transforms into an adult ant within 9 to 30 days. If it takes 21 days for the pupa to become an adult, how many weeks will it take?

....

16 Farah was training for the marathon. Her goal was to run for 1 hour and 30 minutes. If she starts running at 8:35 am, when will she finish running?

....

....

17 An ant from a colony walked two kilometers in one day. An ant from another colony walked 3,000 meters in one day. Which of the two ants went the farthest? What is the difference in distance in kilometers?

....

....

18 Rania measures the length of two rows of ants. The row of ants in the first colony is 30 centimeters long. The length of the row of ants in the second colony is 500 mm. How long are the two rows of ants together in centimeters?

....

....

19 Ziad played video games from 3:45 pm to 5:10 pm, He is only allowed to play video games for 80 minutes. Did he break the rule? If the answer is no, why? If yes, how many extra minutes did he play?

....

20 Mary was on a picnic with her family and she counted 10 ants walking together. If each ant weighs 1 gram and carries a weight 50 times its body weight, what is the total weight carried by the ant?

....

21 Saleh owns a rectangular farm. The length of the fence surrounding the farm is 50 m. Draw two different rectangles that can represent the shape of the farm. Write the length and width on the drawing.

....

....

22 Jannat is designing a work of art, and she needs two pieces of paper. Each piece must be 6 meters long and 2 meters wide. The two pieces of paper will be glued together at the short edges. When she's finished with the artwork, she must decide whether to frame it or hang it up and cover it with glass. Jannat needs to know the measurements of the frame and glass to make her decision. What is the frame length?
Do you have to calculate the area or the perimeter to find this measurement?

....

What is the glass area?
Do you have to calculate the area or the perimeter to find this measurement?

....

23 In a science project, two students are creating an ant farm enclosure, that is 5 meters long and 2 meters high. Draw the enclosure with the dimensions. Then find the perimeter and area.
Perimeter = ...
Area = ...

24 A rectangular mirror with an area of 900 square centimeters. The mirror is 45 cm long. What's its width?

....

....

25 Sameh's book is 30 cm long. The cover of Sameh's book has a perimeter of 100 cm. What is Sameh's book width?

....

....

26 A city is in the shape of a rectangle. It is 4 kilometers wide and 8 kilometers long. What is the area of this city?

....

27 Draw a square with an area of 25 cm^2. Then find its perimeter. Write the dimensions on the drawing.

....

....

28 Ahmed's age is three times Maha's age. If Maha is 5 years old. How old is Ahmed?

....

....

29 Wafaa has 18 pounds. This is equal to 3 times more than what Hana has. How many pounds does Hana have?

Equation : ....

Answer: ....

30 Use the Associative Property of Multiplication to calculate the number of books in the opposite picture.

....

....

....

31 There are 28 girls and 21 boys in a class. The pupils will be divided into equal groups of girls and equal groups of boys. What is the largest number of groups that can be formed so that each group has the same number of pupils? How many boys are in each group of boys? How many girls are in each group of girls?

....

....

32 A teacher is preparing snacks to be distributed among the students. She has 24 pieces of croissants and 16 pieces of sweets. What is the largest number of snacks the teacher can make if each meal contains exactly the same number of croissants and exactly the same number of sweets? How many croissants are there in each meal? How many sweets are there in each meal?

....

....

33 Hossam saves 85 pounds per month. How many pounds does Hossam save in 6 months? (Use the rectangle area model)

....

....

....

....

....

....	....
.... X .... = ...	.... X .... = ...

.... + ...

= ....

34 The distance from Ali's house to the school is 930 meters, and the distance from his house to the club is 5 times the distance between his house and his school. What is the distance between Ali's house and the club? (Use the rectangle area model)

....

....

35 An ant works from 6:50 am to 10:58 am. How long does the ant work?

....

....

36 The game started at 6:46 pm, and lasted for 54 min. What time did the game finish?

....

....

37 If a ant works from 8:06 am to 11:23 am, how long does the ant work?

....

....

38 Esraa bought 5 mobiles , if the price of each one is 2,000 LE. What is the total price of them?

....

39 Ola started work at 12:15 pm, and finished her work at 2:30 pm . How much did Ola spend at work?

....

....

40 Sandy has 7 mangoes and Batol has 28. How many more mangoes does Batol have than Sandy? Write the equation:

....

....

41 Jana bought 5 packs of juice cans. Each pack had 2 rows, each row had 6 cans. How many cans did Jana bought?

....

....

42 A tailor used 3 m 32 cm of cloth to make a dress and 2 m, 68 cm to make 10 trousers . What is the total length of cloth he used?

....

....

43 Amira ate 2 apples, and Ahmed ate 5 times as many. How many apples did Ahmed eat?

....

44 Mohamed bought a laptop for 5,250 LE and a mobile for 2,750 LE. If he had 10,000 LE how much money are left with him?

....

....

45 Find the GCF of 6 and 12.

46 Find the quotient of 457 ÷ 3.

47 Find the product of 54 X 12.

48 Mohamed bought a laptop for 7,250 LE and a mobile for 4,750 LE.
If he had 15,000 LE, how much money are left with him?

49 Hany has 2,532 pounds, he divides the money equally between his 3 friends. Find the share for each one of them.

50 Omar bought a book of stickers, there were 80 stickers in the book. He wanted to give them to 4 of his friends. How many stickers will each of his friends get?

51 A painting is 5 meters in length and 2 meters in width.
Find the perimeter of the necessary frame for this painting.

52 A rectangle has a length of 6 cm and a width of is 4 cm.

Find its perimeter.

....

53 An ant walks about 5,000 meters each day.

How many kilometers does this ant walk in 6 days?

....

....

Fourth: Compare using (<, = or >):

1. (3 X 1,000,000,000) + (3 X 10) ______ 3,000,003,000
2. 900 Thousands ______ 90 Millions
3. Six hundred fifty thousands ______ 6,500 hundred
4. 4,000 Thousands ______ 4 Millions
5. Five hundred seventy thousands, ninety-eight ______ 500,000+70,000+90+8
6. Milliard ______ 1,000,000,000
7. 456,258 + 543,742 ______ The greatest 7-digit number
8. 10,000 + 8,000 + 200 + 80 + 7 ______ 18,654 – 367
9. 965 + 9,999 ______ 865 + 78,952
10. 2 ______ 100,000 - 99,999
11. 4,000 grams ______ 40,000 kilograms
12. 6,000 g ______ 60 kg
13. 6 kg , 89 g ______ 689 g
14. 84 L, 84 mL ______ 48 L ,48 mL

15	1 week		6 days
16	2 and half hours		2 H + 30 min
17	The number of days of the week		10
18	7,000 grams		18 kg
19	6 min, 4 sec		4 min, 6 sec
20	1,600 x 10		16 Thousands
21	6 Thousands		6,000
22	6 x 4 x 1,000		6,000 x 4
23	23 x 140		140 x 23
24	240		6 x 400
25	The number of factors of 4		The number of factors of 9
26	The number of factors of a composite number		The number of factors of a prime number
27	8X 21		8 X 7 X 2
28	30 X 100		300 Hundreds
29	240 X 100		600 X 400
30	4 X 250		8 X 125
31	752 X 2		7 X 525
32	5 Millions		5,000 Hundreds
33	4,800 ÷ 6		64,000 ÷ 8
34	2,500 ÷ 5		45,000 ÷ 9
35	4 X 624		624 X 6

Fifth: **Solve each of the following operations:**

1 Find the GCF of 24 and 18.

2 Find the product of 65 x 32.

3 Find the quotient of 457 ÷ 3.

4 Write all the factors of the number 18.

5 Find the product of 54 × 12.

6 Find The product of 74 X 21 (Show your steps)

7 Find the GCF of 10 and 15

8 Find the GCF of 6 and 12.

9 Find the GCF of 24 and 32.

10 Find 18 ÷ 6 + (4 – 1)




كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2 اختيار اسم الطابعة بتاعتك

خطوة 3 كتابة الصفحات المراد طباعتها نكتب رقم 4 ثم نكتب الشرطة دي - ثم نكتب 9

خطوة 4 اختيار نوع الورق

خطوة 5 اختيار A4

خطوة 6

المراجعة رقم (2)







Revision 2024







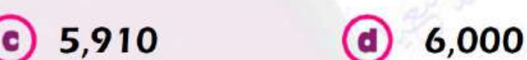
First term Questions Bank



Question 01 choose the correct answer

1. e – 5,000 = 2,000 , then e = ...
   (a) 7,000 (b) 3,000 (c) 5,000 (d) 2,000

2. 5,999 to the nearest tens is ....
   (a) 5,000 (b) 5,999 (c) 5,910 (d) 6,000



3. 87 ÷ 4 = 21 R3 , the divisor is ....
   (a) 3 (b) 4 (c) 21 (d) 87

4. The only even prime number is ....
   (a) 2 (b) 0 (c) 3 (d) 16

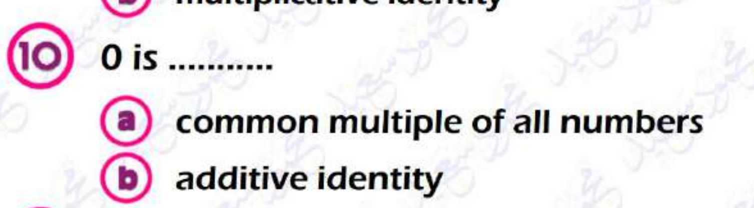
5. ....is a multiple of 10
   (a) 15 (b) 2 (c) 60 (d) 5

6. ....is not a multiple of 5
   (a) 12 (b) 25 (c) 50 (d) 35

7. The smallest odd prime number is ....
   (a) 5 (b) 2 (c) 1 (d) 3

8. 406 ÷ 5 = 81 R............
   (a) 0 (b) 1 (c) 2 (d) 3

9. 1 is ....
   (a) common factor of all numbers
   (b) multiplicative identity
   (c) not prime nor composite
   (d) all of them

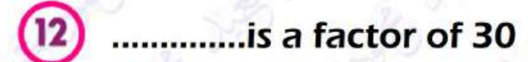


10. 0 is ....
    (a) common multiple of all numbers
    (b) additive identity
    (c) both of them
    (d) other



11. ....is a multiple of 8
    (a) 4 (b) 2 (c) 80 (d) 100







12 ....is a factor of 30

ⓐ 33 ⓑ 60 ⓒ 5 ⓓ 0

13 6 weeks = ...days

ⓐ 24 ⓑ 6 ⓒ 42 ⓓ 3

14 In 6 x 2 - (3 + 1) ÷ 8 , the first step is ....

ⓐ 6 x 2 ⓑ 2+3 ⓒ 3+1 ⓓ 4 ÷ 8

15 18 x 5 = ...

ⓐ 900 ⓑ 9 tens ⓒ 9 ⓓ 185

16 The second step of solving 20 - 8 ÷ 2 + 3 is ....

ⓐ subtraction ⓑ division ⓒ addition ⓓ multiplication

17 ....is a form of write numbers .

ⓐ expanded form ⓑ word form ⓒ standard form ⓓ all of them

18 845 x 0 = ...

ⓐ 0 ⓑ 845 ⓒ 1 ⓓ 548

19 250 ÷ 4 = ...

ⓐ 62 ⓑ 62 R2 ⓒ 26 R5 ⓓ 26 R2

20 The ....must be smaller than the divisor .

ⓐ quotient ⓑ remainder ⓒ dividend ⓓ divisor

21 654 m = ...

ⓐ 6 m , 54 cm ⓑ 600 m , 54 cm ⓒ 65 m , 4 cm ⓓ 654 cm

22 452 hundreds + 18 thousands = ...

ⓐ 632 ⓑ 632 hundreds ⓒ 632 thousands ⓓ 6320

23 234 + 56 = ...+ 234 , is using .... Property .

ⓐ 234 , commutative ⓑ 56 , commutative ⓒ 56 , associative ⓓ 234 , associative

24 The numbers 1,2,3,4,6,12 are all factors of ....

ⓐ 21 ⓑ 24 ⓒ 12 ⓓ 10

25 ....is a common multiple of 5 and 7

ⓐ 35 ⓑ 7 ⓒ 5 ⓓ 1

26. 654 + m = 865 , then m = ...
ⓐ 1,519 ⓑ 211 ⓒ 865 ⓓ 654

27. 123 x 4 = ...
ⓐ 321 ⓑ 490 ⓒ 492 ⓓ 123

28. 707 ÷ 7 = ...
ⓐ 100 ⓑ 701 ⓒ 101 ⓓ 707

29. 325 ÷ 1 = ...
ⓐ 1 ⓑ 325 ⓒ 326 ⓓ 0

30. 5,200 x 10 = ...
ⓐ 520 ⓑ 5220 ⓒ 52,000 ⓓ 52 hundreds

31. The perimeter of a rectangle is .... whose length is d and width is h .
ⓐ L + W ⓑ 2 X (d + h) ⓒ L X W ⓓ (L x W) x 2

32. Hour is a unit of ....
ⓐ capacity ⓑ hour ⓒ time ⓓ length

33. If 600 ÷ 10 = 60 , then the dividend is ....
ⓐ 1 ⓑ 10 ⓒ 60 ⓓ 600

34. If Mr Mahmoud Elkholy distribute 50 SPIRO SPATHIS among 5 of his students , each one will take .... SPIRO SPATHIS .
ⓐ 10 ⓑ 15 ⓒ 19 ⓓ 21

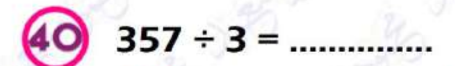
35. A rectangle of length L and width W , then its perimeter P is ....
ⓐ p = (L + W) x 2 ⓑ p = L + W ⓒ p = 2 + L + W ⓓ p = L x W

36. The number 20 equal 5 times the number ....
ⓐ 4 ⓑ 5 ⓒ 15 ⓓ 25

37. The digit in the hundred thousands place in the number 3,910,472 is ....
ⓐ 1 ⓑ 2 ⓒ 4 ⓓ 9

38. 5 km , 45 m = ... m
ⓐ 545 ⓑ 455 ⓒ 4,505 ⓓ 5,045

39. 24 x 15 = 15 x 24 represents ....property
ⓐ associative ⓑ commutative ⓒ identity ⓓ distributive



40 357 ÷ 3 = ...

ⓐ 19 ⓑ 191 ⓒ 911 ⓓ 119

41 The number 10 million , 175 thousand , 314 in standard form is ....

ⓐ 10,157,314 ⓑ 10,571,413 ⓒ 10,175,314 ⓓ 10,751,314

42 The value of the digit 5 in the number 7,125,801 is ....

ⓐ 50 ⓑ 500 ⓒ 5,000 ⓓ 50,000

43 When we round 4,999 to the nearest ten it will be ....

ⓐ 5,990 ⓑ 4,990 ⓒ 5,000 ⓓ 4,900

44 When we round 4,990 to the nearest ten it will be ....

ⓐ 4,990 ⓑ 5,000 ⓒ 5,900 ⓓ 4,900

45 5 minutes and 10 seconds = ...seconds

ⓐ 15 ⓑ 50 ⓒ 310 ⓓ 130

46 The area of a rectangle its length 6 cm and its width half its length is ....

ⓐ 36 ⓑ 18 ⓒ 6 ⓓ 3

47 6 x ....= 6,000

ⓐ 100 ⓑ 10 ⓒ 1,000 ⓓ 1

48 Khalid read 4,329 pages , then he read ....to the nearest thousands

ⓐ 4,000 ⓑ 5,000 ⓒ 40,000 ⓓ 4,300

49 The place value of the digit 4 in the number 6,234,362,912

ⓐ 4,000,000 ⓑ millions ⓒ hundred thousands ⓓ 400,000

50 The value of the digit 6 in the number 3,256,012,407

ⓐ 6,000,000 ⓑ millions ⓒ ten millions ⓓ 600,000

51 5 x 8 = ...tens

ⓐ 40 ⓑ 400 ⓒ 4 ⓓ 4,000

52 98,654 - d = 1,235 , then d = ...

ⓐ 97,419 ⓑ 99,889 ⓒ 98,654 ⓓ 1,235

53 60 + m = 100 , then m = ...

ⓐ 100 + 60 ⓑ 100 ⓒ 100 - 60 ⓓ 30

54 k - 321 = 500 , then k = ...

ⓐ 500 - 321 ⓑ 500 + 321 ⓒ 200 ⓓ 123





55. 450 ÷ 10 = ...
 a) 45 tens b) 450 tens c) 450 d) 45

56. 1,000 ÷ 100 = ...
 a) 10 b) 1 c) 100 d) 1,000

57. 4004 ÷ 4 = ...
 a) 101 b) 11 c) 1,001 d) 4,004

58. 654 ÷ .... = 654
 a) 10 b) 100 c) 1 d) 0

59. 0 ÷ 145 = ...
 a) 145 b) 0 c) 1 d) undefined

60. 321 ÷ 0 = ...
 a) 0 b) 1 c) 321 d) undefined

61. 100 is half of ....
 a) 50 b) 200 c) 100 d) 1

62. 60 is twice ....
 a) 30 b) 60 c) 120 d) 10

63. Twice 60 is ....
 a) 30 b) 60 c) 120 d) 10

64. Million is the smallest number formed from ....digits .
 a) 7 b) 9 c) 10 d) 6

65. The common factor of all numbers is ....
 a) 0 b) 1 c) 2 d) Both b,c

66. The common multiple of all numbers is ....
 a) 0 b) 1 c) 2 d) Both b,c

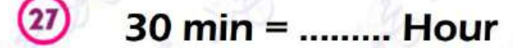
67. The common factor of all even numbers is ....
 a) 0 b) 1 c) 2 d) Both b,c

Question 02 Complete

1. The additive identity is ....
2. 5 x 0 = ... , is using .... Property
3. 300 x 1 = ... , is using ....property
4. 6 x (4 + 3) = (6 x 4) + (6 x ....) is using .... Property .
5. 4,000 - m = 2,000 , then m = ...
6. Milliard is the smallest number formed from ....digits .
7. ....m = 6,500 cm
8. 740 mm = ...cm
9. The place value of the digit 8 in 485,360,000 is ....
10. if 2,196 ÷ 6 = 366 , then the divisor is ....
11. 327 ÷ 5 = 65 R.............
12. 15 L and 15 ml = ...ml
13. 63 kg , ...gm = 63,002
14. 60 min = ...hour
15. 48 hours = ... Days
16. 18 - 6 x 2 + 30 = ...
17. 6,006 ÷ 6 = ...
18. The smallest number formed from (8 , 0 , 3 , 9 , 4 , 6) is ....
19. The standard form of 8,000,000 + 3,000 + 456 is ....
20. The value of the digit 0 in the number 15,404,563 is ....
21. A square of side length 9 m , then its perimeter is ....
22. 45 x 12 = 12 x 45 is using ....property .
23. When we round 84,529,650 to the nearest millions it will be ....
24. ....is 6 times greater than 8 .
25. ....gm = 6 kg
26. The dividend is ....the quotient is ....the divisor...............

108
4 | 432





(27) 30 min = ... Hour

(28) 3 hours and half = ...minutes

(29) 3,000 – 1,423 = ...

(30) The prime number has only .... Factors , 1 and ....

(31) 28 ÷ 7 + (50 - 20) = ...

(32) 2,000 - 1,999 = ...

(33) 22 is 2 times greater than ....

(34) 3 x 500 = ...x 5 x 100

(35) 19 x 200 = (10 + ...) x 200

(36) 6,000 tens = ...thousands

(37) 15 hundreds + 32 hundreds = ...hundreds

(38) 12,545 + 3,654 = ...

(39) 57,357 - 1,919 = ...

(40) The first multiple of 5 comes after 18 is ....

(41) The standard form of 56 millions , 230 thousands , 50 is ....

(42) 634 ÷ 7 = ...R....................

(43) The capacity of juice bottle is 2 litres and 123 millilitres, then its capacity in millilitres is ....ml

(44) 15 x (19 - 9) + 53 = ...

(45) Find the value of m , y and x ....

	x	6
30	y	180
5	100	m

(46) 3 weeks and 5 days = ... Days

(47) 487,326 to the nearest thousands is ....

(48) 36 has .... factor pairs .

(49) The elapsed time from 5 : 40 pm to 10 : 20 PM is ....

(50) Convert to the unit shown on the model .... millilitres

2 liter	40 mililiter

(51) 0 = ...x 45

(52) The smallest number formed from 8 , 2 , 7 , 0 , 9 is ....

(53) The greatest number formed from 8 , 2 , 7 , 0 , 9 is ....

(54) 93,044,108 = 93,040,000 (Rounded to the nearest.....................)

55. The value of the variable in the equation : b – 1,250 = 3,000 is ....

56. 9,000 grams = ...kilograms

57. 24 ÷ (4 - 1) - 2 = ...

58. 2,617 -1,716 = ...

59. A rectangle of length 7 cm , width 4 cm , then its area =..............cm^2

60. 2,654 g = ...kg + ...g

61. The value of m is ....

850	
250	m

62. 4 min and 30 second is ....seconds

63. 60 = ...x 60

64. Quarter hour is ....minutes .

65. The only even prime number is ....

66. The smallest prime number is ....

67. The smallest odd prime number is ....

68. The smallest 2-digit prime number is ....

69. All prime numbers are odd except ....

70. 50 tens = ...

71. The prime numbers between 20 and 30 are ....

72. (5 + 6) + 14 = 5 + (.......+ 14)

73. Expanded form of 3,006,200,000 is ....

Question 03 — Answer the following questions

1. Find the perimeter of a square whose side length is 40 m .

....

2. Fnd the area of a rectangle whose length is 6 cm and width is 5 cm .

....

3. Aliaa is building a rectangular garden with 24 m of fencing . What is the area of the garden if its length is 7 m ?

....

....

4. Sandy has 7 mangoes and Batool has 28 mangoes . How many times of mangoes does Batol have ? Write the equation .

....

5. Eyad bought 5 books , if the price of each one is 80 LE . What is the total price of them ?

....

6. A school with 500 students in primary four , if the number of girls is 178 , find the number of boys .

....

7. A bridge of ants consists of 235 ants , and another bridge consists of 146 ants . What is the difference between them ?

....

8. find the GCF of 18 and 24 .

....

9. write all factors of 36 .

....

10. There are 36 boys in the park , 6 of them ran away , the remaining boys want to make teams with 6 boys in each team . How many teams they will make ?

....

11. A rectangular picture its dimensions are 9 cm and 6 cm . Losenda wants to make a piece of glass to cover it , what is the area of the glass piece ?

....

12. Malek want to distribute 400 stickers among 5 of his friends . How many stickers will each one take ?

....

13. Find the product of 48 x 32

....

14. Find the quotient of 816 ÷ 4

....

15. Sofian placed 36 cans on 6 tables equally . How many cans on each table ?

....

16. Find the GCF of 30 and 45

....

17. IF 5 students won 456 pounds each . How much money did they win all together ?

....

18. If one Dollar is equal 50 pounds , then find the value of 63 Dollars .

....

19. Walaa bought 4 plates of apples , each plate had 5 apples . If she ate 4 apples . How many apples are left ?

....

20. Youssef bought 8 books for 184 LE , what is the price of one book ?

....

21. A tailor used 3 m 32 cm of cloth to make a dress and 2 m , 68 cm to make trousers . What is the total length of cloth did he use ?

....

22. Omar is building a square frame . The side length will be 12 cm . Find the length of the frame .

....

23. An ant works from 7 : 20 am to 11 : 30 am . How long does the ant work ?

....

24. Ahmed bought a Laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?

....

25. Write all the factors of 24 .

....

26. Find the product of 74 x 33

....

27. Arrange in an ascending order :
38,257,967 , 32,968,327 , 42,695 , 7,986,362

....

28. List 5 common multiples of 2 , 3

....

29. Find perimeter and area of the opposite figure .

....

8cm
1cm
5cm
4cm

انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق

Answers





First term Questions Bank



Question 01 choose the correct answer

1. e – 5,000 = 2,000 , then e = ...
   - (a) 7,000
   - (b) 3,000
   - (c) 5,000
   - (d) 2,000
2. 5,999 to the nearest tens is ....
   - (a) 5,000
   - (b) 5,999
   - (c) 5,910
   - (d) 6,000
3. 87 ÷ 4 = 21 R3 , the divisor is ....
   - (a) 3
   - (b) 4
   - (c) 21
   - (d) 87
4. The only even prime number is ....
   - (a) 2
   - (b) 0
   - (c) 3
   - (d) 16
5. ....is a multiple of 10
   - (a) 15
   - (b) 2
   - (c) 60
   - (d) 5
6. ....is not a multiple of 5
   - (a) 12
   - (b) 25
   - (c) 50
   - (d) 35
7. The smallest odd prime number is ....
   - (a) 5
   - (b) 2
   - (c) 1
   - (d) 3
8. 406 ÷ 5 = 81 R............
   - (a) 0
   - (b) 1
   - (c) 2
   - (d) 3
9. 1 is ....
   - (a) common factor of all numbers
   - (b) multiplicative identity
   - (c) not prime nor composite
   - (d) all of them
10. 0 is ....
    - (a) common multiple of all numbers
    - (b) additive identity
    - (c) both of them
    - (d) other
11. ....is a multiple of 8
    - (a) 4
    - (b) 2
    - (c) 80
    - (d) 100

12. ....is a factor of 30

(a) 33 (b) 60 (c) 5 (d) 0

13. 6 weeks = ...days

(a) 24 (b) 6 (c) 42 (d) 3

14. In 6 x 2 - (3 + 1) ÷ 8 , the first step is ....

(a) 6 x 2 (b) 2+3 (c) 3+1 (d) 4 ÷ 8

15. 18 x 5 = ...

(a) 900 (b) 9 tens (c) 9 (d) 185

16. The second step of solving 20 - 8 ÷ 2 + 3 is ....

(a) subtraction (b) division (c) addition (d) multiplication

17. ....is a form of write numbers .

(a) expanded form (b) word form (c) standard form (d) all of them

18. 845 x 0 = ...

(a) 0 (b) 845 (c) 1 (d) 548

19. 250 ÷ 4 = ...

(a) 62 (b) 62 R2 (c) 26 R5 (d) 26 R2

20. The ....must be smaller than the divisor .

(a) quotient (b) remainder (c) dividend (d) divisor

21. 654 m = ...

(a) 6 m , 54 cm (b) 600 m , 54 cm (c) 65 m , 4 cm (d) 654 cm

22. 452 hundreds + 18 thousands = ...

(a) 632 (b) 632 hundreds (c) 632 thousands (d) 6320

23. 234 + 56 = ...+ 234 , is using .... Property .

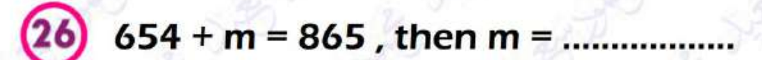
(a) 234 , commutative (b) 56 , commutative (c) 56 , associative (d) 234 , associative

24. The numbers 1,2,3,4,6,12 are all factors of ....

(a) 21 (b) 24 (c) 12 (d) 10

25. ....is a common multiple of 5 and 7

(a) 35 (b) 7 (c) 5 (d) 1



26 654 + m = 865 , then m = ...

ⓐ 1,519 ⓑ 211 ⓒ 865 ⓓ 654

27 123 x 4 = ...

ⓐ 321 ⓑ 490 ⓒ 492 ⓓ 123

28 707 ÷ 7 = ...

ⓐ 100 ⓑ 701 ⓒ 101 ⓓ 707

29 325 ÷ 1 = ...

ⓐ 1 ⓑ 325 ⓒ 326 ⓓ 0

30 5,200 x 10 = ...

ⓐ 520 ⓑ 5220 ⓒ 52,000 ⓓ 52 hundreds

31 The perimeter of a rectangle is .... whose length is d and width is h .

ⓐ L + W ⓑ 2 X (d + h) ⓒ L X W ⓓ (L x W) x 2

32 Hour is a unit of ....

ⓐ capacity ⓑ hour ⓒ time ⓓ length

33 If 600 ÷ 10 = 60 , then the dividend is ....

ⓐ 1 ⓑ 10 ⓒ 60 ⓓ 600

34 If Mr Mahmoud Elkholy distribute 50 SPIRO SPATHIS among 5 of his students , each one will take .... SPIRO SPATHIS .

ⓐ 10 ⓑ 15 ⓒ 19 ⓓ 21

35 A rectangle of length L and width W , then its perimeter P is ....

ⓐ p = (L + W) x 2 ⓑ p = L + W ⓒ p = 2 + L + W ⓓ p = L x W

36 The number 20 equal 5 times the number ....

ⓐ 4 ⓑ 5 ⓒ 15 ⓓ 25

37 The digit in the hundred thousands place in the number 3,910,472 is ....

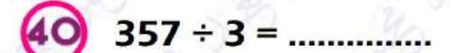
ⓐ 1 ⓑ 2 ⓒ 4 ⓓ 9

38 5 km , 45 m = ... m

ⓐ 545 ⓑ 455 ⓒ 4,505 ⓓ 5,045

39 24 x 15 = 15 x 24 represents ....property

ⓐ associative ⓑ commutative ⓒ identity ⓓ distributive



40 357 ÷ 3 = ...

(a) 19 (b) 191 (c) 911 (d) **119**

41 The number 10 million , 175 thousand , 314 in standard form is ....

(a) 10,157,314 (b) 10,571,413 (c) **10,175,314** (d) 10,751,314

42 The value of the digit 5 in the number 7,125,801 is ....

(a) 50 (b) 500 (c) **5,000** (d) 50,000

43 When we round 4,999 to the nearest ten it will be ....

(a) 5,990 (b) 4,990 (c) **5,000** (d) 4,900

44 When we round 4,990 to the nearest ten it will be ....

(a) **4,990** (b) 5,000 (c) 5,900 (d) 4,900

45 5 minutes and 10 seconds = ...seconds

(a) 15 (b) 50 (c) **310** (d) 130

46 The area of a rectangle its length 6 cm and its width half its length is ....

(a) 36 (b) **18** (c) 6 (d) 3

47 6 x ....= 6,000

(a) 100 (b) 10 (c) **1,000** (d) 1

48 Khalid read 4,329 pages , then he read ....to the nearest thousands

(a) **4,000** (b) 5,000 (c) 40,000 (d) 4,300

49 The place value of the digit 4 in the number 6,234,362,912

(a) 4,000,000 (b) **millions** (c) hundred thousands (d) 400,000

50 The value of the digit 6 in the number 3,256,012,407

(a) **6,000,000** (b) millions (c) ten millions (d) 600,000

51 5 x 8 = ...tens

(a) 40 (b) 400 (c) **4** (d) 4,000

52 98,654 - d = 1,235 , then d = ...

(a) **97,419** (b) 99,889 (c) 98,654 (d) 1,235

53 60 + m = 100 , then m = ...

(a) 100 + 60 (b) 100 (c) **100 - 60** (d) 30

54 k - 321 = 500 , then k = ...

(a) 500 - 321 (b) **500 + 321** (c) 200 (d) 123

55. 450 ÷ 10 = ...
    - a) 45 tens
    - b) 450 tens
    - c) 450
    - d) <u>45</u>

56. 1,000 ÷ 100 = ...
    - a) <u>10</u>
    - b) 1
    - c) 100
    - d) 1,000

57. 4004 ÷ 4 = ...
    - a) 101
    - b) 11
    - c) <u>1,001</u>
    - d) 4,004

58. 654 ÷ .... = 654
    - a) 10
    - b) 100
    - c) <u>1</u>
    - d) 0

59. 0 ÷ 145 = ...
    - a) 145
    - b) <u>0</u>
    - c) 1
    - d) undefined

60. 321 ÷ 0 = ...
    - a) 0
    - b) 1
    - c) 321
    - d) <u>undefined</u>

61. 100 is half of ....
    - a) 50
    - b) <u>200</u>
    - c) 100
    - d) 1

62. 60 is twice ....
    - a) <u>30</u>
    - b) 60
    - c) 120
    - d) 10

63. Twice 60 is ....
    - a) 30
    - b) 60
    - c) 120
    - d) 10

64. Million is the smallest number formed from ....digits .
    - a) <u>7</u>
    - b) 9
    - c) 10
    - d) 6

65. The common factor of all numbers is ....
    - a) 0
    - b) 1
    - c) 2
    - d) Both b,c

66. The common multiple of all numbers is ....
    - a) <u>0</u>
    - b) 1
    - c) 2
    - d) Both b,c

67. The common factor of all even numbers is ....
    - a) 0
    - b) 1
    - c) 2
    - d) Both b,c

Question 02 Complete

1. The additive identity is .....0..........
2. 5 x 0 = ...0.... , is using .....zero........ Property
3. 300 x 1 = ...300.... , is using ......identity.......property
4. 6 x (4 + 3) = (6 x 4) + (6 x ...3....) is using ....distributive......... Property .
5. 4,000 - m = 2,000 , then m = ...2,000........
6. Milliard is the smallest number formed from ....10...........digits .
7. ......65.......m = 6,500 cm
8. 740 mm = ...74.....cm
9. The place value of the digit 8 in 485,360,000 is ....ten millions.........
10. if 2,196 ÷ 6 = 366 , then the divisor is ......6.......
11. 327 ÷ 5 = 65 R......2........
12. 15 L and 15 ml = ...15,015.......ml
13. 63 kg , ...2.....gm = 63,002
14. 60 min = ...1....hour
15. 48 hours = ...2..... Days
16. 18 - 6 x 2 + 30 = ...36........
17. 6,006 ÷ 6 = ...1,001........
18. The smallest number formed from (8 , 0 , 3 , 9 , 4 , 6) is ....304,689........
19. The standard form of 8,000,000 + 3,000 + 456 is .....8,003,456.........
20. The value of the digit 0 in the number 15,404,563 is .....0......
21. A square of side length 9 m , then its perimeter is .....36......
22. 45 x 12 = 12 x 45 is using ....commutative.........property
23. When we round 84,529,650 to the nearest millions it will be ......85,000,000........
24. ......48......is 6 times greater than 8 .
25. ....6,000.....gm = 6 kg

26. The dividend is ....432....the quotient is ...108...the divisor...4....

108
4 | 432

27. 30 min = ...half.... Hour
28. 3 hours and half = ...210........minutes
29. 3,000 – 1,423 = ...1,577......
30. The prime number has only ......2.... Factors , 1 and ......itself...
31. 28 ÷ 7 + (50 - 20) = ...34.........
32. 2,000 - 1,999 = ...1.......
33. 22 is 2 times greater than .....11.........
34. 3 x 500 = ...3...x 5 x 100
35. 19 x 200 = (10 + ...9.....) x 200
36. 6,000 tens = ...60......thousands
37. 15 hundreds + 32 hundreds = ...47......hundreds
38. 12,545 + 3,654 = ...16,199........
39. 57,357 - 1,919 = ...55,456.......
40. The first multiple of 5 comes after 18 is ......20......
41. The standard form of 56 millions , 230 thousands , 50 is .....56,230,050........
42. 634 ÷ 7 = ...90.......R.......4......
43. The capacity of juice bottle is 2 litres and 123 millilitres, then its capacity in millilitres is ....2,123.........ml
44. 15 x (19 - 9) + 53 = ...203........
45. Find the value of m , y and x ......m=30 , x=20 , y=600...

	x	6
30	y	180
5	100	m

46. 3 weeks and 5 days = ...26......... Days
47. 487,326 to the nearest thousands is ....487,000..........
48. 36 has ...5...... factor pairs .
49. The elapsed time from 5 : 40 pm to 10 : 20 PM is ......4 hours and 40 minutes ....
50. Convert to the unit shown on the model ......2,040... millilitres

2 liter	40 mililiter

51. 0 = ...0....x 45
52. The smallest number formed from 8 , 2 , 7 , 0 , 9 is ......20,789........

53. The greatest number formed from 8 , 2 , 7 , 0 , 9 is ......98,720........
54. 93,044,108 = 93,040,000 (Rounded to the nearest......ten thousands......)
55. The value of the variable in the equation : b – 1,250 = 3,000 is ......4,250.........
56. 9,000 grams = ...9.......kilograms
57. 24 ÷ (4 - 1) - 2 = ...6...........
58. 2,617 -1,716 = ...901..........
59. A rectangle of length 7 cm , width 4 cm , then its area =.....28.....cm^2
60. 2,654 g = ...2.....kg + ...654......g
61. The value of m is .... 600 ....

850	
250	m

62. 4 min and 30 second is ......270.......seconds
63. 60 = ...1.....x 60
64. Quarter hour is ......15............minutes .
65. The only even prime number is ......2.........
66. The smallest prime number is ....2..........
67. The smallest odd prime number is ......3............
68. The smallest 2-digit prime number is ......11............
69. All prime numbers are odd except ....2.........
70. 50 tens = ...500..........
71. The prime numbers between 20 and 30 are ......23,29..........
72. (5 + 6) + 14 = 5 + (...6....+ 14)
73. Expanded form of 3,006,200,000 is ...3,000,000,000 + 6,000,000 + 200,000............

Question 03 | Answer the following questions

1. Find the perimeter of a square whose side length is 40 m .
   p = s x 4 = 40 x 4 = 160 m
2. Fnd the area of a rectangle whose length is 6 cm and width is 5 cm .
   A = L x W = 6 x 5 = 30 cm^2

3. Aliaa is building a rectangular garden with 24 m of fencing . What is the area of the garden if its length is 7 m ?

w = (24 ÷ 2) - 7 = 5 m

A = L x W = 7 x 5 = 35 m^2

4. Sandy has 7 mangoes and Batool has 28 mangoes . How many times of mangoes does Batol have ? Write the equation .

The equation is 7 x s = 28

Batool has 4 times more than sandy

5. Eyad bought 5 books , if the price of each one is 80 LE . What is the total price of them ?

80 x 5 = 400 LE

6. A school with 500 students in primary four , if the number of girls is 178 , find the number of boys .

500 - 178 = 322 boys

7. A bridge of ants consists of 235 ants , and another bridge consists of 146 ants . What is the difference between them ?

235 - 146 = 89 ants

8. find the GCF of 18 and 24 .

GCF is 6

9. write all factors of 36 .

factors are 1, 2,3,4,6,9,12,18,36

10. There are 36 boys in the park , 6 of them ran away , the remaining boys want to make teams with 6 boys in each team . How many teams they will make ?

36 - 6 = 30 boys -- 30 ÷ 6 = 5 teams

11. A rectangular picture its dimensions are 9 cm and 6 cm . Losenda wants to make a piece of glass to cover it , what is the area of the glass piece ?

A = L x W = 6 x 9 = 54 cm^2

12. Malek want to distribute 400 stickers among 5 of his friends . How many stickers will each one take ?

400 ÷ 5 = 80 stickers

13. Find the product of 48 x 32

1,536

(14) Find the quotient of 816 ÷ 4

204

(15) Sofian placed 36 cans on 6 tables equally . How many cans on each table ?

36 ÷ 6 = 6 cans

(16) Find the GCF of 30 and 45

The GCF is 15

(17) IF 5 students won 456 pounds each . How much money did they win all together ?

5 x 456 = 2,280 pounds

(18) If one Dollar is equal 50 pounds , then find the value of 63 Dollars .

50 x 63 = 3,150 pounds

(19) Walaa bought 4 plates of apples , each plate had 5 apples . If she ate 4 apples . How many apples are left ?

4 x 5 = 20 apples
20 - 4 = 16 apples

(20) Youssef bought 8 books for 184 LE , what is the price of one book ?

184 ÷ 8 = 23 LE

(21) A tailor used 3 m 32 cm of cloth to make a dress and 2 m , 68 cm to make trousers . What is the total length of cloth did he use ?

3 m , 32 cm + 2 m , 68 cm = 6 m

(22) Omar is building a square frame . The side length will be 12 cm . Find the length of the frame .

P = 4 x s = 4 x 12 = 48 cm

(23) An ant works from 7 : 20 am to 11 : 30 am . How long does the ant work ?

11 : 30 - 7 : 20 = 4 hours : 10 min

(24) Ahmed bought a Laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?

15,000 - (4,750 + 7,250) = 3,000 pounds

(25) Write all the factors of 24 .

1,2,3,4,6,8,12,24

(26) Find the product of 74 x 33

74 x 33 = 2,442

(27) Arrange in an ascending order :

38,257,967 , 32,968,327 , 42,695 , 7,986,362

42,695 , 7,986,362 , 32,968,327 , 38,257,967

(28) List 5 common multiples of 2 , 3

0 , 6 , 12 , 18 , 24

(29) Find perimeter and area of the opposite figure .

8cm | 5cm | 4cm | 1 | 1cm | 2 | 4cm

P = 8+5+4+4+4+1 = 26 cm

$A1 = 4 \times 1 = 4\ cm^2$

$A2 = 5 \times 4 = 20\ cm^2$

$A\ total = 20 + 4 = 24\ cm^2$

انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق

حمل الان

مجانا وحصريا

المراجعة رقم (3)







Summary of unit 1

Big numbers:

4 , 856 , 271 , 935

Place value	Milliards	Hundred millions	Ten millions	millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
Value	4,000,000,000	800,000,000	50,000,000	6,000,000	200,000	70,000	1,000	900	30	5

- The value of the digit 2 in the number 65,230,478 is 200,000
- The place value of the digit 3 in the number 23,174,256 is millions
- The digit in the ten thousands place in the number 176,539 is 7

milliard million thousand

4 , 856 , 271 , 935

Four milliard, eight hundred fifty-six million, two hundred seventy-one thousand, nine hundred thirty-five

- The smallest number formed from digits (2, 6, 3, 5) is 2,356
- The greatest number formed from digits (5, 9, 0, 2) is 9,520

Changing values:

EX: 3 × 100 = 300

EX: 20 × 30 = 600

EX: 5 hundreds = 500

EX: 4 times 1,000 = 4,000

EX: 500 = 5 hundreds

EX: 6 thousand = 600 tens

Many forms of numbers:

Standard form (composed form):	5,847,305
Expanded form:	5,000,000 + 800,000 + 40,000 + 7,000 + 300 + 5
Decomposed form:	[5 × 1,000,000] + [8 × 100,000] + [4 × 10,000] + [7 × 1,000] + [3 × 100] + [5 × 1]
Word form:	five million, eight hundred forty-seven thousand, three hundred five
Short-word form	5 million, 847 thousand, 305

Comparing numbers:

EX: 325,109 (6 digits) < 127,178,906 (9 digits)

72,109,205 (8 digits) > 70,873,300 (8 digits)

EX: 40,000 + 2,000 + 600 + 50 + 3 < 46,219

42,653

Ordering numbers:

- **Ascending order:** from the smallest to the greatest.
- **Descending order:** from the greatest to the smallest.

EX:	142,507		6,829		25,369		6,329
Ascending:	6,329	,	6,829	,	25,369	,	142,507
Descending:	142,507	,	25,369	,	6,829	,	6,329

Rounding:

- To the nearest thousand:
  EX: 2,675 ≈ 3,000
- To the nearest million:
  EX: 234,278,124 ≈ 234,000,000
- To the nearest 100:
  EX: 952 ≈ 1,000

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

1) The value of the digit 5 in the number 8,135,712 is ……….
a. 50 **b.** 500 **c.** 5,000 **d.** 50,000

2) The value of the digit 2 in the ten millions place is ……….
a. 20,000 **b.** 200 **c.** 20,000,000 **d.** 200,000

3) The place value of the digit 8 in the number 3,846,321 is ……….
a. Millions **b.** Thousands
c. Hundred thousands **d.** Ten thousands

4) The digit in ten thousands place in the number 6,387,512 is ……….
a. 3 **b.** 4 **c.** 7 **d.** 8

5) The milliard is the smallest number formed from ………. digits
a. 6 **b.** 7 **c.** 10 **d.** 9

6) 3 tens = ……….
a. 90 **b.** 30 **c.** 300 **d.** 3,000

7) 250 hundreds = ……….
a. 100 **b.** 5,200 **c.** 25,000 **d.** 100,500

8) 10 times greater than the number 430 = ……….
a. 43,000 **b.** 4,300 **c.** 430,000 **d.** 4,000

9) 500 tens = ………. Hundreds

a. 5 **b.** 50 **c.** 50,000 **d.** 15

10) The expanded form of the number 7,215,603 is ……….

a. 3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000

b. 3 + 60 + 500 + 1,000 + 20,000 + 700,000

c. 3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000

d. 3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000

11) What is the standard form of eighteen million, six hundred five thousand?

a. 18,605,000 **b.** 81,605,000 **c.** 1,860,500 **d.** 18,650,000

12) The standard form of 5 million, 36 thousand and 206 is ……….

a. 5,000,036,206 **b.** 5,036,206 **c.** 532,206 **d.** 5,360,206

13) 300,000 + 40,000 + 5,000 + 500 + 30 + 2 = ……….

a. 235,543 **b.** 3,450,532 **c.** 345,532 **d.** 34,032

14) (3 × 1,000,000) + (5 × 100,000) + (8 × 100) = ……….

a. 35,800 **b.** 3,500,800 **c.** 3,005,008 **d.** 3,580

15) 62,234 ………. 62,324

a. > **b.** < **c.** = **d.** ≤

16) 30,000 + 4,000 + 20 + 1 ………. 6,514

a. > **b.** < **c.** = **d.** ≤

17) 70 tens ………. 70 hundreds

a. > **b.** < **c.** = **d.** ≤

18) Which digit can be placed in the square to make the mathematical expression correct?

6,201,351 > 6,20 ☐ ,351

a. 0 **b.** 1 **c.** 2 **d.** 3

19) Rounding the number 34,089 to the nearest ten thousand is ……….

a. 34,000 **b.** 34,090 **c.** 30,000 **d.** 35,000

20) Which answer represents rounding 32,582,346 to the nearest million?

a. 30,000,000 **b.** 32,600,000

c. 32,000,000 **d.** 33,000,000

21) The number 8,239 ≈ 8,000 is rounded to the nearest ……….

a. Tens **b.** Hundreds **c.** Thousands **d.** Millions

22) The value of the digit 0 in the number 29,140,789 is ………..

a. 0 **b.** 1,000 **c.** 10,000 **d.** 100,000

23) The population of a country is 56,724,033 then the place value of the digit 6 is ………..

a. Thousands **b.** Hundred thousands **c.** Millions **d.** Ten millions

24) In which number does the 8 have value of 800 ………..

a. 283,765 **b.** 235,871 **c.** 830,025 **d.** 231,548

25) In the number 34,042 the digit 4 in the thousands is equal to ……….. times the digit 4 in the tens place.

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

26) If 3 × 55 = 165 then 30 × 550 = ………..

a. 165 **b.** 1,650 **c.** 16,500 **d.** 165,000

27) Which expression is the expanded form of 10,005,007 ………..

a. 10,000,000 + 5,000 + 7 **b.** 10,000 + 5,000 + 7
c. 1,000 + 500 + 7 **d.** 1,000,000 + 500 + 7

28) Which of the following statement is correct?

a. 4,646 < 4,664 **b.** 4,646 > 4,664
c. 4,664 < 4,646 **d.** 4,646 = 4,664

29) (3 tens, 9 ones) ……….. 10 × 390

a. > **b.** < **c.** = **d.** Otherwise

30) 2,500,000 < ………..

a. 25,000 **b.** 205,000 **c.** 25,000,000 **d.** 2,500

---

(2) Complete:

1) The place value of the digit 3 in the number 1,365,854 is …………

2) The value of the digit 5 in the number 346,251,813 is …………

3) The value of the digit 0 in the number 10,281,453 is …………

4) 32,000 = ………… Thousands

5) 80 tens = …………

6) 17 hundreds = ………… tens

7) Four hundred and nine in standard form is …………

8) 34 million, 97 thousand in standard form is …………

9) 3,000,000 + 8,000 + 400 + 30 + 3 = …………

10) 56,214 = 4 + 10 + …… + 6,000 + 50,000

11) 7,412,563 = …… millions, …….. thousands, ……..

12) The number 543,186 to the nearest thousand is …………

13) 4,369 ≈ …………… [to the nearest 100]

14) One million is the smallest number formed from ………… digits

15) The greatest number formed from the digits 2, 0, 5, 3 is …………

16) The decompose form of the numeral 601,207 is …………...

17) 70,000,000 + 126,000 + 450 = …………...

---

(3) Answer the following:

1) List the following numbers in descending order:

900 thousands , 9 millions , 5 millions and 7 hundred thousands , 500,223

……………………………………………………………………………………………

……………………………………………………………………………………………

2) List the following in an ascending order:

8,092,561 , 9,208,111 , 7,534,786 , 8,650,336

……………………………………………………………………………………………

……………………………………………………………………………………………

3) Write the verbal form of the number: 7,215,603

……………………………………………………………………………………………

……………………………………………………………………………………………

4) Use the associative property of multiplication to get the result: 2 × 5 × 14

……………………………………………………………………………………………

……………………………………………………………………………………………

5) Create a number in the millions that is greater than 178,462,490

……………………………………………………………………………………………

……………………………………………………………………………………………

Summary of unit 2

Properties of addition:

- **Commutative property:** $3 + 5 = 5 + 3$
- **Associative property:** $(2 + 4) + 7 = 2 + (4 + 7)$
- **Additive identity:**
  - $6 + 0 = 6$
  - The additive identity element is 0

Addition and subtraction:

$$\begin{array}{r} \overset{1}{5}\,9\,3 \\ +\;1\,9\,4 \\ \hline 7\,8\,7 \end{array}$$

$$\begin{array}{r} \overset{7}{\not 8}\,\overset{10}{\not 0}\,5\,,\,3\,2\,9 \\ -\;3\,5\,4\,,\,0\,2\,5 \\ \hline 4\,5\,1\,,\,3\,0\,4 \end{array}$$

Addition and subtraction word problems:

- Addition keywords (+): [sum - together – all – total]
- Subtraction keywords (–): [difference – more than – remain - rest]

Bar model and equation:

1) 14,000 – n = 6,000

Bar model:

14,000	
n	6,000

Solution : 14,000 – 6,000 = 8,000

2) b – 53,500 = 75,200

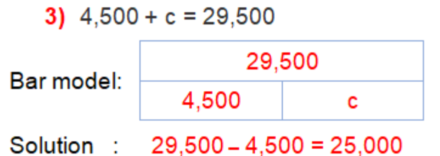
Bar model:

b	
53,500	75,200

Solution : 53,500 + 75,200 = 128,700

3) 4,500 + c = 29,500

Bar model:



29,500	
4,500	c

Solution : 29,500 – 4,500 = 25,000

EX: In the equation 125 + A = 300 , then A = 300 – 125 = 175

EX: In the equation G + 710 = 930 , the value of G is equal to 930 + 710 = 1,640

EX: 325 – ...125... = 200

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

1) The additive identity element is ……….

a. 3 b. 2 c. 0 d. 1

2) 25 + 75 = 75 + 25 , is ………. property

a. Additive identity
b. commutative
c. Associative
d. Otherwise

3) 13 + 0 = 13 , is ………. property

a. Additive identity **b.** Commutative

c. Associative **d.** None of the above

4) Which of the following represents the commutative property in addition?

a. 8 + 0 = 8 **b.** 7 + 8 = 8 + 7

c. 3 + 18 = 3 + 11 + 7 **d.** 5 + 8 = 3 + 10

5) Which of the following represent associative property in addition ………..

a. 6 + 1 = 7 **b.** (3 + 5) + 6 = 3 + (5 + 6)

c. 0 + 15 = 15 **d.** 7 + 3 = 3 + 7

6) 253 + [226 + 142] = [253 + ……] + 142

a. 253 **b.** 226 **c.** 142 **d.** 368

7) 125,217 + 2,345 …….. 125,217 – 2,345

a. $>$ **b.** $<$ **c.** = **d.** Otherwise

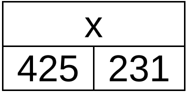
8) In the equation: b – 4,358 = 3,422 , the value of b = ……….

a. 7,780 **b.** 6,653 **c.** 5,662 **d.** 5,556

9) The value of x in the equation: 725,625 + x = 935,075 is ……….

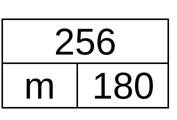
a. 292,450 **b.** 290,450 **c.** 209,540 **d.** 209,450

10) In the opposite bar model x = ……….



a. 666 **b.** 566 **c.** 665 **d.** 656

11) In the bar model, the value of m is ……….



a. 124 **b.** 156 **c.** 76 **d.** 436

12) 17 + …..… = 17

a) 0 **b)** 1 **c)** 2 **d)** 3

---

(2) <u>Complete:</u>

1) 5 + 9 = 9 + ……..

2) [61 + 23] + 24 = ……. + [23 + 24]

3) The additive identity element is ……….

4) 854 + 0 = ……..

5) 91,024 + 32,549 = …………

6) 16,473 + 39,124 = …………

7) 613 – 247 = …………

8) 8,617 – 1,769 = …………

9) In the opposite bar model,
the value of the unknown C = …………

C	
3,425	5,274

10) In the opposite bar model, B = …………

235	
200	B

11) In the equation 125 + A = 300 , then A = …………

12) The value of the variable in the equation k – 1,235 = 2,000 is …………

13) If 3,000 – B = 2,000 , then the value of B = …………

---

(3) *Answer the following:*

1) A road of 675 km length, if a train traveled a distance of 239 km from this road, what is the remaining distance of the road?

…………………………………………………………………………………………………

…………………………………………………………………………………………………

2) The country has provided a vaccination against the corona virus. In the first stage 1,653,465 people were vaccinated and 3,312,447 were vaccinated in the second stage. What is the total number of people vaccinated in both stages?

…………………………………………………………………………………………………

…………………………………………………………………………………………………

3) Ali bought a laptop for 7,250 L.E. and a mobile for 4000 L.E. How much money did he pay?

…………………………………………………………………………………………………

…………………………………………………………………………………………………

4) If the population of Matrouh Governorate is 512901 people and the population of South Sinai Governorate is 112,211 people ,then what is the difference between the population of Matrouh and the population of South Sinai?

…………………………………………………………………………………………………

…………………………………………………………………………………………………

5) In the equation 710 + G = 930 , find the value of G

…………………………………………………………………………………………………

…………………………………………………………………………………………………

Summary of unit 3

Measuring length:

Km _ _ _ m _ dm _ cm _ mm

1 km = 1,000 m

1 m = 100 Cm

3 m, 28 cm = 328 cm

523 cm = 5 m, 23 cm

3 km, 652 m = 3,652 m

7,235 m = 7 km, 235 m

409 cm	
4 m	9 cm

835 cm	
8 m	35 cm

5,237 m	
5 km	237 m

Measuring weight (mass):

ton _ _ _ kg _ _ _ g

1 kg = 1,000 g

3000 g = 3 kg

3 kg, 28 g = 3,028 g

6,253 g = 6 kg, 253 g

2,735 g	
2 kg	735 g

1,709 g	
1 kg	709 g

18,230 g	
18 kg	230 g

Measuring capacity:

L _ _ _ ml

1 L = 1,000 ml

4,000 ml = 4 L

4 L, 970 ml = 4,970 ml

7,153 ml = 7 L, 153 ml

3,165 ml	
3 L	165 ml

4,507 ml	
4 L	507 ml

19,208 ml	
19 L	208 ml

4 L, 235 ml + 2 L, 423 ml = 6 L, 658 ml

6 L, 879 ml – 4 L, 125 ml = 2 L, 754 ml

Measuring time:

1 week = 7 days	1 day = 24 hours	1 hour = 60 minutes	1 minutes = 60 seconds
	2 days = 48 hours	$\frac{1}{2}$ hour = 30 minutes	
	3 days = 72 hours	$\frac{1}{4}$ hour = 15 minutes	
	4 days = 96 hours		

2 weeks (× 7) = 14 days	1 week (× 7), 3 days = 10 days
3 days (× 24) = 72 hours	3 days (× 24), 5 hours = 77 hours
4 hours (× 60) = 240 minutes	2 hours (× 60), 15 minutes = 135 minutes
3 minutes (× 60) = 180 seconds	5 minutes (× 60), 20 seconds = 320 seconds

Elapsed time:

- Adding time:

4 : 15 + 2 : 35 = ...	3 : 40 + 5 : 30 = ...
hr : min 4 : 15 + 2 : 35 6 : 50	hr : min 3 : 40 + 5 : 30 8 : 70 (60 min, 10 min) 9 : 10

- Subtracting time

6 : 35 − 2 : 20 = ...	7 : 25 − 3 : 40 = ...
hr : min 6 : 35 − 2 : 20 4 : 15	hr : min ~~7~~ 6 : 25 (85) − 3 : 40 3 : 45

- **Elapsed time** = end time – start time

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(1) Choose the correct answer:

1) 4 km = ….. m

a. 40 **b.** 400 **c.** 4,000 **d.** 4

2) 5 m = ….. cm

a. 5 **b.** 50 **c.** 500 **d.** 5,000

3) 423 cm = ……….

a. 23 m, 4 cm **b.** 42 m, 3 cm **c.** 4 m, 23 cm **d.** 3 m, 42 cm

4) 6 m, 50 cm = …….. cm

a. 605 **b.** 650 **c.** 560 **d.** 6,500

5) 3 kg = …. gm

a. 3 **b.** 30 **c.** 300 **d.** 3,000

6) 5,000 grams = ….. kilograms

a. 50 **b.** 500 **c.** 5 **d.** 1,000

7) 5 kg and 861 gm = …… gm

a. 5,861 **b.** 58,160 **c.** 5,000,861 **d.** 5,861,000

8) 6,325 g = ……….

a. 6,000 kg, 352 g **b.** 63 kg, 25 g
c. 60 kg, 325 g **d.** 6 kg, 325 g

9) If 8,000 g = 5 kg + a , then a = ……….

a. 3 g **b.** 3,000 g **c.** 7,500 g **d.** 6 kg

10) 3 liters = ……… milliliters

a. 3 **b.** 30 **c.** 300 **d.** 3,000

11) 13 L, 30 ml = …… ml

a. 1,330 **b.** 13,030 **c.** 43 **d.** 3,013

12) The capacity of juice can is 1 liter and 500 ml, then its capacity in milliliters = …... ml

a. 150 **b.** 1,500 **c.** 15,000 **d.** 1,005

13) 7 liters, 150 milliliters – 780 milliliters = …… milliliters

a. 5,370 **b.** 6,000 **c.** 370 **d.** 6,370

14) 2 hours = …... minutes

a. 24 **b.** 60 **c.** 120 **d.** 360

15) 5 weeks, 5 days = …… days

a. 10 **b.** 25 **c.** 40 **d.** 50

16) 1 day and 5 hours = ……. hours

a. 29 **b.** 65 **c.** 15 **d.** 35

17) 8:25 – 45 minutes = ……….

a. 8 **b.** 8:20 **c.** 7:40 **d.** 8:70

18) 3:12 + 2:27 = ……….

a. 5:00 **b.** 5:39 **c.** 6:00 **d.** 6:30

19) 80 m ……. 800 cm

a. > **b.** < **c.** = **d.** Otherwise

20) 8 kilometers, 45 meters = …….. meters

a. 845 **b.** 855 **c.** 8,000,045 **d.** 8,045

21) 10 meters = ……… centimeters

a. 10 **b.** 100 **c.** 1,000 **d.** 7

22) ……. Is a unit of measuring mass.

a. Km **b.** Liter **c.** Hour **d.** Kg

23) A week and 3 days = …….. days

a. 7 **b.** 10 **c.** 13 **d.** 17

24) Using the relationship between units of length, choose the correct answer to complete the table: ……..

Kilometer	Meter	Centimeter
60	60,000	………..

a. 600 **b.** 60,000 **c.** 6,000 **d.** 6,000,000

25) Which of the following is the greatest mass ………..

a. 9 kg **b.** 16 kg **c.** 12,000 g **d.** 8,000 g

26) A box has a mass of 5 kg and 700 g, then its mass in grams = ……

a. 5,700 **b.** 7,005 **c.** 7,500 **d.** 5,007

27) 7,500 g …… 75 kg

a. < **b.** > **c.** = **d.** Otherwise

28) A jug of 10 liters of water, how many milliliters does it have?

a. 100 **b.** 1,000 **c.** 10,000 **d.** 100,000

29) 96 hours = ……… days

a. 2 **b.** 3 **c.** 4 **d.** 5

30) Adel spends 6 hours at school. If we want to calculate Adel's school day in minutes, we ……..

a. add 6 to 60 **b.** add 6 to 24

c. multiply 6 by 60 **d.** multiply 6 by 24

(2) Complete:

1) 5 km = …….. m
2) 6 dm = ……. cm
3) ……. m = 350 dm
4) 650 mm = ….…. cm
5) 9,250 meters = …… km + …… m
6) 8 meters, 45 cm = …….. cm
7) 8,000 grams = ……. kilograms
8) 3kg and 258 g = …... g
9) 35 kg and 86 g = …….. cm
10) 9,000 ml = …….. liters
11) 32 L, 77 ml = ……. ml
12) A week and two days = ….... days
13) 4 minutes and 20 seconds = ……. seconds
14) Convert to the unit shown on the model …….. grams

5 kg	275 g

15) 3 : 25 + 6 : 42 = ………
16) 5 week = ……. days
17) 9,000 mm = ….…. cm
18) 6 m and 35 cm = …… cm

---

(3) Answer the following:

1) The day is 24 hours, how many hours are there in 3 days?

………………………………………………………………………………………

2) Hossam sleeps 8 hours each day. How many minutes does Hossam sleep each day?

………………………………………………………………………………………

3) Amany is a swimmer. She spends half of an hour every day swimming. How many minutes in total does she swim for during a 5-days?

………………………………………………………………………………………

4) Write the numbers in an ascending order:

8 m , 8,000 cm , 8 km , 8 mm

………………………………………………………………………………………

Summary of unit 4

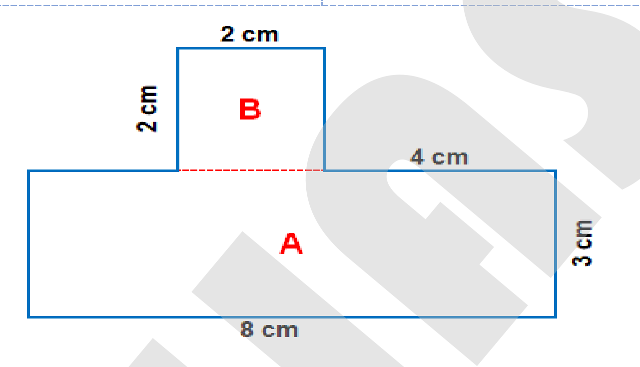
Perimeter and area of rectangle and square:

L : Length W : Width S : Side length

Perimeter of rectangle:	P = L + W + L + W	P = 2 L + 2 W	P = (L + W) × 2
Perimeter of square:	P = S + S + S + S	P = S × 4	
Area of rectangle:	A = L × W		
Area of square:	A = S × S		

Complex figures:





Perimeter = 3 + 8 + 3 + 2 + 2 + 2 + 2 + 4
= 26 cm

Area of A = 3 × 8 = 24 cm^2
Area of B = 2 × 2 = 4 cm^2
Area of all figure = 24 + 4 = 28 cm^2

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(1) Choose the correct answer:

1) A rectangle its length is L and its width is w what is its perimeter?

a. L + w **b.** 2 × (L + w) **c.** L × w **d.** (2 × L) + w

2) The perimeter of the rectangle whose length is 8, width is 5 cm equals …… cm

a. 13 **b.** 26 **c.** 30 **d.** 40

3) A square whose side length is 5 cm , then its perimeter is ……. cm

a. 20 **b.** 25 **c.** 15 **d.** 35

4) The perimeter of the opposite rectangle equals ……..

a. 10 m　　**b.** 20 m

c. 14 m　　**d.** 14 cm

5 m

2 m

5) The side length of a square whose perimeter 28 is ……. cm

a. 7　　**b.** 14　　**c.** 5　　**d.** 4

6) The perimeter of a square is 40 cm, then its side length = …… cm

a. 4　　**b.** 1,600　　**c.** 160　　**d.** 10

7) Which of the following is a unit of measuring area?

a. cm　　**b.** mm^2　　**c.** mm　　**d.** dm

8) If the length of a rectangle is L and its width is w , then its area A = ……

a. $2 \times (L + w)$　　**b.** $L + w$　　**c.** $L \times w$　　**d.** $L \div w$

9) Area of square = side length × ………

a. Itself　　**b.** Width　　**c.** 4　　**d.** height

10) Perimeter of square = side length × ………

a. Itself　　**b.** Width　　**c.** 4　　**d.** height

11) A rectangle its length is 8 cm and its width is 4 cm , then its area = …….. cm^2

a. 32　　**b.** 12　　**c.** 24　　**d.** 64

12) A rectangle of length 20 cm and width 10 cm. then its area equals …….. cm^2

a. $2 \times 20 + 2 \times 10$　　**b.** $20 + 10$　　**c.** 60　　**d.** 200

13) A square whose side length is 8 cm , then its area = ……..

a. 64 cm　　**b.** 32 cm　　**c.** 64 cm^2　　**d.** 32 cm^2

14) If the area of a rectangle 35 cm^2 and its length 7 cm , then its width = ……..

a. 4 cm　　**b.** 5 cm　　**c.** 6 cm　　**d.** 7 cm

15) A square whose area 36 cm^2 , then its side length is …….. cm

a. 4　　**b.** 5　　**c.** 6　　**d.** 9

(2) Complete:

1) The perimeter of the rectangle = (length + width) × ……….

2) A rectangle has length (L) and width (W), its perimeter = ………

3) If the side length of square (s) , then its perimeter = …… × ..….

4) The perimeter of the rectangle its length is 7 cm and width is 5 cm equals ……. cm

5) A square of side length 3 cm , then its perimeter = ……… cm

6) A carpet in the shape of a square of side length 3 m , its perimeter = ……… m

7) The perimeter of the square is 20 cm, then its side length is ……… cm

8) The length of the side of a square whose perimeter is 28 cm is …… cm

9) The perimeter of a rectangle is 18 cm and its length is 5 cm , then its width is…. cm

10) Area of rectangle = …... × ……

11) Area of square = …... × ……

12) Area of square = side length × ……

13) A rectangle of length 7 cm and width 4 cm , then its area = ……… cm^2

14) A garden in the shape of a square whose side length is 9 meters , then its area = ………. square meters

15) The area of a rectangle its dimensions are 5 cm and 3 cm is ………

16) The length of a rectangle is 10 mm and the width is 8 mm, then the area of this rectangle equals ………

17) The area of the square is 25 cm^2, then its side length is ……… cm

18) The area of a rectangle is 24 cm^2 and its width is 4 cm , then its length is …. cm

19) A square has an area of 16 square centimeters, then its perimeter = ……. cm

---

(3) Answer the following:

1) A rectangular gymnasium is 7 meters long and 4 meters wide.
Find its perimeter

……………………………………………………………………………………………………

2) Amgad has a garden in squared shape with side length 6 m. what is the area of this garden?

……………………………………………………………………………………………………

3) Which is greater, the area of a rectangle with dimensions 7 cm and 5 cm or the area of a square with side length 6 cm?

……………………………………………………………………………………………………

4) A rectangle of length 5 cm and width 3 cm. find the perimeter.

……………………………………………………………………………………………………

5) A squared-shaped room has a side length 4 meters. What is the area of the ground of the room in square meters?

……………………………………………………………………………………………………

6) A squared picture with side length 8 cm , Hussein wants to make a piece of glass to cover this picture ,what is the area of the glass piece ?

……………………………………………………………………………………………………

7) Find the area and perimeter of the square.

5 cm

A = ………………….
P = ………………….

8) Find the area and perimeter.

2 cm
6 cm

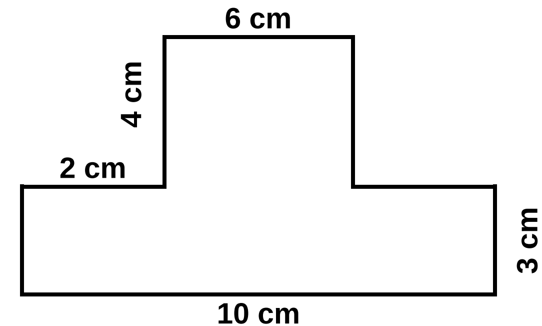
A = ………………….
P = ………………….

9) Find the area and perimeter.

6 cm
11 cm
3 cm
12 cm

A = ………………….
P = ………………….

10) Find the perimeter of the opposite figure



P = ………………….

Summary of unit 5

Multiplicative equation:

Ex: $3 + 3 + 3 + 3 + 3 =$ ..3 × 5..

Ex:

3	3	3	3	3

= ..3 × 5..

Multiplicative comparison:

Ex: 2 times the number 3 is ..6..

Ex: 18 is ..3.. times the number 6

Ex: 21 is 3 times the number ..7..

Ex:

5	5	5	5

..20.. is ..4.. times the number 5

Solve multiplicative equation:

Ex: $m \times 3 = 15$

Sol: $m = 15 \div 3$
$m = 5$

Ex: $2 \times X = 12$

Sol: $X = 12 \div 2$
$X = 6$

Ex: $4 \times 5 = y$

Sol: $y = 4 \times 5$
$y = 20$

Properties of multiplication:

- **Commutative property:**
  $3 \times 5 = 5 \times 3$
  Ex: $4 \times 7 =$ ..7.. $\times 4$

- **Associative property:**
  $(2 + 4) + 7 = 2 + (4 + 7)$
  Ex: $3 \times 2 \times 5 =$ ..30..
  Ex: $5 \times (7 \times 2) = (5 \times$ ..7.. $) \times 2$

- **Multiplicative identity:**
  $5 \times 1 = 5$
  Ex: $5 \times 1 =$ ..5..
  Ex: $17 \times$ ..1.. $= 17$
  - The multiplicative identity element is 1

- **Zero property:**
  $8 \times 0 = 0$
  Ex: $6 \times 0 =$ ..0..
  Ex: $8 \times$ ..0.. $= 0$

- **Multiplying by 10,100, …. :**
  Ex: $5 \times 100 =$ ..500..
  Ex: $7 \times$ ..1,000.. $= 7,000$

- **Dividing by 10:**
  30 (top), 10, ..3..

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(1) Choose the correct answer:

1) $6 + 6 + 6 + 6 = 6 \times$ ……..

a. 24 **b.** 4 **c.** 5 **d.** 6

2) 10 times the number 430 is ……..

a. 430 **b.** 4,300 **c.** 43,000 **d.** 430,000

3) The number …….. equals 6 times 4

a. 10 **b.** 2 **c.** 24 **d.** 12

4) The number 15 equals 3 times the number ……..

a. 4 **b.** 5 **c.** 6 **d.** 7

5) 45 is …….. times the number 5

a. 9 **b.** 6 **c.** 5 **d.** 40

6) $600 \times 3 = 3 \times$ ……..

a. 300 **b.** 400 **c.** 500 **d.** 600

7) If $a \times 4 = 4 \times 2$, then a = ……..

a. 8 **b.** 4 **c.** 2 **d.** 6

8) $28 \times 15 = 15 \times 28$ represents …………… property

a. Associative **b.** Commutative **c.** Identity multiplicative **d.** distributive

9) Which equation would be best to in an explanation of the commutative property of multiplication?

a. $3 \times 1 = 3$ **b.** $9 \times 6 = 6 \times 9$

c. $6 \times (2 \times 4) = (6 \times 2) \times 4$ **d.** $5 \times 16 = (5 \times 11) + (5 \times 5)$

10) $2 \times (5 \times 4) = (2 \times$ ….. $) \times 4$

a. 0 **b.** 1 **c.** 10 **d.** 5

11) Which equation would be best to in an explanation of the associative property of multiplication?

a. $(9 \times 12) \times 0 = 0$ **b.** $(3 \times 7) \times 2 = 3 \times (7 \times 2)$

c. $(4 \times 6) \times 1 = 4 \times 6$ **d.** $(11 \times 8) \times 9 = 9 \times (11 \times 8)$

12) $35 \times 0 =$ ……..

a. 1 **b.** 34 **c.** 0 **d.** 43

13) Which choice best shows the zero property of multiplication?

a. $1 \times 5 = 5$ **b.** $9 \times 6 = 6 \times 9$ **c.** $6 \times 10 = 60$ **d.** $0 \times 5 = 0$

14) The multiplicative identity element is ……..

a. 1 **b.** 2 **c.** 3 **d.** 4

15) If $850 \times m = 850$, then $m =$ ……..

a. 1 **b.** 850 **c.** 2 **d.** 0

16) $34 \times$ …….. $= 3{,}400$

a. 1 **b.** 10 **c.** 100 **d.** 1,000

17) $80 \times 60 =$ …….. $\times 100$

a. 84 **b.** 80 **c.** 48 **d.** 4,800

18) 100,000 is …….. Times the number 10,000

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

19) 8,000 = …….. tens

a. 800 **b.** 80,000 **c.** 80 **d.** 8

20) 700 = …….. Hundreds

a. 7 **b.** 700 **c.** 70 **d.** 7,000

---

(2) Complete:

1) $7 + 7 + 7 + 7 = 7 \times$ …....
2) The multiplicative equation of $8 + 8 + 8 + 8 + 8 = 40$ is ……….
3) 7 times as the number 5 = ……….
4) 28 is ………. times the number 7
5) $20 \times 6 = 6 \times$ ……….
6) $4 \times 7 = 7 \times 4$ …………. property
7) $3 \times (5 \times 4) = (3 \times$ ……. $) \times 4$
8) $(2 \times 3) \times 5 =$ …….
9) $4 \times 3 \times 7 = 4 \times$ ……..

10) 255 × 0 = ……..

11) 15 × …… = 0

12) 19 × …… = 19

13) 30 × 50 = ……..

14) 123 × 100 = ……….

15) 500 × 7 = ……….

16) 6,000 × ………. = 42,000

17) ………. × 245 = 24,500

18) ……… × 70 = 3,500

19) 90 = ………. tens

20) 3,200 = ………. hundreds

21) If A × 6 = 18 , then A = ……….

22) If 1,000 × z = 3,000 , then z = ……….

---

(3) Answer the following:

1) Ayman ate 4 figs in the morning. His older brother ate 3 times as many. How many figs did his brother eat?

……………………………………………………………………………………………..

2) A piece of land is in the shape of a rectangle with a width of 9 meters and a length three times its width. Find its length

……………………………………………………………………………………………..

3) Sarah walked 5,000 meters every day for9 days, what is the total number of kilometers that Sarah walked?

……………………………………………………………………………………………..

4) Mariam bought 4 mobiles, the price of each mobile is 1,000 pounds, How much did Mariam pay?

……………………………………………………………………………………………..

5) Ahmed bought 10 pens, if the price of a pen is 200 piasters, what is the price of all pens?

……………………………………………………………………………………………..

6) Ali travelled 8 days continuously; he travelled 3,000 m each day. How many kilometers did he travel in all?

……………………………………………………………………………………………

Summary of unit 6

Prime and composite numbers:

- The common factor of all numbers is 1
- The prime number has only two factors (1 and it self)

EX:

5	
1	5

- The composite number has more than two factors

EX:

8	
1	8
2	4

- The prime numbers: 2, 3, 5, 7, 11, 13, 17, ………
- The only even prime number is 2
- The smallest prime number is 2
- The smallest odd prime number is 3

Greatest common factor (G.C.F):

Ex: Find the greatest common factor (G.C.F) of 12 and 18

- Factors of 12: 1, 2, 3, 12, 6, 4
- Factors of 18: 1, 2, 3, 18, 9, 6
- Common factors: 1, 2, 3, 6
- G.C.F: 6

12	
1	12
2	6
3	4

18	
1	18
2	9
3	6

Multiples and common multiples:

- The common multiple of all numbers is 0
- Any number is a factor and multiple of itself

EX: Find the multiples of each of the numbers 2 and 3 up to 30. Then find the common multiples between them.

Sol:

- Multiples of 2: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30
- Multiples of 3: 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
- Common multiples of 2 and 3: 0, 6, 12, 18, 24, 30

Relation between factors and multiples:

Ex: 1 × 6 = 6 2 × 3 = 6

- 1, 6, 2, 3 are factors of 6
- 6 is a multiple of each of 1, 6, 2, 3

2 × 3 = 6

factor factor multiple

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(1) Choose the correct answer:

1) The all factors of 16 are ………..

a. 1, 16 **b.** 2, 4, 8
c. 1, 2, 4, 8, 16 **d.** 1, 2, 4, 6, 8, 16

2) 1, 2, 4, 8 are factors of the number ……….

a. 15 **b.** 8 **c.** 17 **d.** 18

3) 3 and 7 are factors of ……….

a. 36 **b.** 35 **c.** 18 **d.** 21

4) The number …….. is a factor of 63

a. 2 **b.** 5 **c.** 7 **d.** 11

5) The number 15 has …….. factors

a. 2 **b.** 3 **c.** 4 **d.** 5

6) The smallest odd prime number is ……..

a. 0 **b.** 1 **c.** 2 **d.** 3

7) The prime number has …….. factors only

a. 0 **b.** 2 **c.** 1 **d.** 4

8) Which of the following is a prime number?

a. 4 **b.** 7 **c.** 15 **d.** 18

9) A prime number lying between 20 and 25 is ………

a. 21 **b.** 22 **c.** 23 **d.** 24

10) The composite number has …… factors

a. 1 **b.** More than 2 **c.** 2 **d.** 0

11) The common factor of all numbers is …….

a. 3 **b.** 2 **c.** 1 **d.** 0

12) Which number is the greatest common factor (G.C.F) of 12 and 6?

a. 2 **b.** 3 **c.** 6 **d.** 12

13) The common multiple of all numbers is ……..

a. 0 **b.** 1 **c.** 2 **d.** 3

14) Which of the following is a multiple of 8?

a. 1 **b.** 2 **c.** 4 **d.** 16

15) Which of the following is a factor of 8?

a. 16 **b.** 24 **c.** 32 **d.** 4

16) 0, 8, 16, 24 are all multiples of the number ………

a. 0 **b.** 8 **c.** 16 **d.** 24

17) The multiple of 4 is ………

a. 1 **b.** 2 **c.** 3 **d.** 4

18) 30 is a multiple of ………

a. 8 **b.** 7 **c.** 6 **d.** 4

19) Which of the following is NOT multiple of 7?

a. 42 **b.** 63 **c.** 707 **d.** 27

20) Which is NOT a common multiple of 9 and 6?

a. 18 **b.** 27 **c.** 36 **d.** 54

21) The correct relation between two numbers 6 and 18 is ……..

a. 6 is a factor of 18 **b.** 6 is a multiple of 18

c. 18 is a factor of 6 **d.** 18 is the twice of 6

---

(2) Complete:

1) The only even prime number ……….

2) The smallest prime number is ……….

3) The smallest odd prime number is ……….

4) The prime number has ………. factors

5) The number that has only two factors and their sum equals 8 is ……….

6) The common factor for all numbers is ……….

7) The common multiple for all numbers is ……….

8) The G.C.F of 8 and 16 is ……….

9) The numbers 1, 3, 9, 27 are factors of ……….

10) The number of factors of number 9 is ……….

11) The missing factor in the opposite rainbow is ……

1 2 3 4 □ 12

---

(3) Answer the following:

1) Write all factors of the number 24, then decide if the number is a prime or composite.

………………………………………………………………………………………………

………………………………………………………………………………………………

2) Write the common factors of 12 and 18 , then find the greatest common factor (G.C.F)

………………………………………………………………………………………………

………………………………………………………………………………………………

3) Find the G.C.F of 25 and 35

………………………………………………………………………………………………

………………………………………………………………………………………………

4) Find the G.C.F of 6 and 8

………………………………………………………………………………………………

………………………………………………………………………………………………

5) Find the G.C.F of 30 and 45

………………………………………………………………………………………………

………………………………………………………………………………………………

6) Find 4 multiples of the number 9

………………………………………………………………………………………………

………………………………………………………………………………………………

7) write two common multiples of the number 5 and 7

………………………………………………………………………………………………

………………………………………………………………………………………………

8) An even number between 20 and 30. Some of its factors include 1, 2, 4, 7 and14. What is it?

………………………………………………………………………………………………

………………………………………………………………………………………………

Summary of unit 7

Multiplying a number by 1-digit number:

EX: **find the product of 4 × 236**

• Distributive:	• Area model:	• Partial algorithm:	• Standard algorithm:
= 4 × (200 + 30 + 6) = (4 × 200) + (4 × 30) + (4 × 6) = 800 + 120 + 24 = **944** 800 + 120 + 24 **944**	200 30 6 4 | 800 | 120 | 24 800 + 120 + 24 **944**	236 × 4 24 + 120 + 800 **944**	1 2 236 × 4 **944**

Multiplying multiples of 10:

EX: 30 × 50 = 1,500

EX: 20 × 34 = 680

Dividing by a 1-digit number:

6	÷	3	=	2	R 0
dividend		divisor		quotient	remainder

7	÷	3	=	2	R 1
dividend		divisor		quotient	remainder

Dividing multiples of 10:

EX: 500 ÷ 5 = 100

EX: 7,000 ÷ 10 = 700

EX: 12 tens ÷ 6 = 20

EX: 300 ÷ 100 = 3

Dividing a number by 1-digit number:

• Area model	• Partial algorithm:	• Standard algorithm:
Ex: **618 ÷ 3 =** 206	*Ex:* **658 ÷ 3 =** 219 R 1	*Ex:* **1,367 ÷ 5 =** 203
3 | 600 | 18 200 6	3 | 658 — 200 – 600 58 — 10 – 30 28 — 9 27 01	203 4) 812 – 8 012 – 12 00 4, 8 — 8, 12 — 12, 16, 20, 24, 28, 32, 36, 40 1.Divide 2.Multiply 3.subtract 4.Bring 5.repeat

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(1) Choose the correct answer:

1) The opposite area model represents the product 9×52 , then the missing value in the model is …………..

a. 9 **b.** 100 **c.** 45 **d.** 18

	50	2
9	450	…….

2) The opposite area model the value of a = ……….

a. 32 **b.** 12 **c.** 420 **d.** 232

	70	5
6	a	30

3) The opposite area model represents multiplication equation of …………

a. 8×56 **b.** 8×65 **c.** 6×86 **d.** 9×68

	60	5
8	480	40

4) The opposite area model equals …………

a. 532 **b.** 523 **c.** 530 **d.** 5,000

	70	6
7	490	42

5) Which of the following represents 35×6?

a. $(5 \times 6) + (30 \times 6)$
b. $(50 \times 6) + (3 \times 6)$
c. $(5 \times 6) + (3 \times 6)$
d. $(50 \times 6) + (30 \times 6)$

6) Which partial products can be used to solve (35×6) ?

a. $(3 \times 6) + (50 \times 6)$
b. $(30 \times 6) + (50 \times 6)$
c. $(30 \times 6) + (5 \times 6)$
d. $(3 \times 6) + (5 \times 6)$

7) $7 \times 526 = 7 \times ($ ….. $+ 20 + 6)$

a. 5 **b.** 50 **c.** 500 **d.** 5,000

8) $(7 \times 30) + (7 \times 5) =$ ………

a. 7×53 **b.** 70×53 **c.** 73×75 **d.** 7×35

9) 21 × 3 = ………

a. 53 **b.** 63 **c.** 73 **d.** 83

10) 60 × 70 = ………

a. 420 **b.** 4,200 **c.** 42,000 **d.** 2,400

11) The divisor in the following operation 91 ÷ 7 = 13 is ……….

a. 7 **b.** 13 **c.** 75 **d.** 91

12) 46 ÷ 9 = 5 R 1 , then the dividend is ……….

a. 46 **b.** 9 **c.** 1 **d.** 5

13) The remainder of dividing 37 by 5 is ………..

a. 2 **b.** 5 **c.** 7 **d.** 1

14) 11 ÷ 3 = ……..

a. 3 R 1 **b.** 4 R 1 **c.** 3 R 2 **d.** 4 R 2

15) If 37 oranges are distributed equally among 5 plates, how many oranges will be left?

a. 5 **b.** 2 **c.** 7 **d.** 0

16) 180 ÷ 2 = ………

a. 9 **b.** 19 **c.** 90 **d.** 80

17) 550 ÷ 5 = ……..

a. 101 **b.** 100 **c.** 110 **d.** 11

18) 312 ÷ 3 = ……..

a. 14 **b.** 13 **c.** 401 **d.** 104

19) 606 ÷ 6 = ……..

a. 101 **b.** 11 **c.** 100 **d.** 16

20) 963 ÷ 3 = ……..

a. 321 **b.** 333 **c.** 222 **d.** 111

21) 240 ÷ 4 = ………

a. 6 **b.** 60 **c.** 8 **d.** 40

22) 515 ÷ 5 = ………

a. 130 **b.** 103 **c.** 13 **d.** 101

23) 20,000 ÷ 5 = ……….

a. 40 **b.** 400 **c.** 4,000 **d.** 40,000

24) Using the following area model, the quotient equals ……….

a. 545 **b.** 109

c. 100 **d.** 9

5	5 × 100 = 500	5 × 9 = 45
	100	9

25) Maha use the opposite model of rectangle area to find the result of 369 ÷ 3, then M = ……..

a. 123 **b.** 9

c. 3 **d.** 396

	100	20	3
3	300	60	M

26) By using the following partial quotients, the quotient is …………

```
6 | 823 | 100
– | 600 |
  | 223 | 30
– | 180 |
  |  43 | 7
  |  42 |
  |  01 |
```

a. 137 R1 **b.** 137 R0 **c.** 223 R6 **d.** 223 R1

27) From the following division form. The dividend is …………

```
6 | 823 | 100
– | 600 |
  | 223 | 30
– | 180 |
  |  43 | 7
– |  42 |
  |  01 |
```

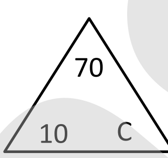
a. 6 **b.** 823 **c.** 137 **d.** 1

28) If 73 × 8 = 584 , then 584 ÷ 8 = ……….

a. 78 **b.** 73 **c.** 83 **d.** 87

(2) Complete:

1) The product of: 5 × 2,523 is equal to ………..
2) 5 × 467 = (5 × 400) + (5 × …..) + (5 × 7)
3) 512 ÷ 8 = …….
4) 5 ÷ 4 = …….. , remainder …….
5) 10 ÷ 2 = 5 R ……
6) 4,000 ÷ 4 = ……..
7) 912 ÷ 3 = …….
8) If 641 × 7 = 4,487 , then 4,487 ÷ 7 = …….
9) The quotient in 480 ÷ 10 = 48 is ……...
10) If 770 ÷ 10 = 77 , then the divisor is ……….
11) 38 ÷ 6 = ……. R 2
12) In the opposite model:
    C = ……



---

(3) Answer the following:

1) If the mass of a box is124 kg ,then find the mass of 5 boxes with the same mass
   …………………………………………………………………………………………
2) A factory produced 4,256 toys in each month. How many toys were produced in 3 months?
   …………………………………………………………………………………………
3) Ahmed bought 4 balls, if the price of each ball is 85 pounds, how much money did he pay?
   …………………………………………………………………………………………
4) A sweet box filled with 15 sweet pieces, what is the number of sweets in 7 boxes?
   …………………………………………………………………………………………
5) Ahmed has 84 stickers, he distributed them equally among 7 of his friends , what is the share of each one ?
   …………………………………………………………………………………………
6) There are 72 students in the playground, and we need to divide the students into teams , so that each team includes 9 students, How many teams can be formed?
   …………………………………………………………………………………………
7) Rashida saved 545 L.E, to buy a toy, She did this by saving 5 L.E. every day, How many days did she have to work to save enough money to buy the toy?
   …………………………………………………………………………………………
8) Find the product of of: 126 × 7
   …………………………………………………………………………………………
9) Find the quotient of: 246 ÷ 6
   …………………………………………………………………………………………

Order of operations:

- **The order is:**

1) Perform any operation in parenthesis. ( )
2) Multiply and divide from left to right. × , ÷
3) Add and subtract from left to right. + , –

Ex: 2 × (4 + 6)	*Ex:* 8 – 6 ÷ 2	*Ex:* 15 ÷ 5 × 2
= 2 × 10	= 8 – 3	= 3 × 2
= 20	= 5	= 6

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(1) Choose the correct answer:

1) 12 + 6 ÷ 3 = ……….

a. 14 **b.** 6 **c.** 1 **d.** 16

2) 18 ÷ 3 + 4 – 2 = ………..

a. 8 **b.** 2 **c.** 16 **d.** 0

3) 4 + 10 × 2 – 1 = ……….

a. 41 **b.** 27 **c.** 23 **d.** 14

4) 2 + 6 × 4 – 8 = ……..

a. 8 **b.** 10 **c.** 16 **d.** 18

5) 9 + 2 × (15 ÷ 5) = ……….

a. 15 **b.** 21 **c.** 11 **d.** 18

6) 3 + 2 × 5 = ……..

a. 13 **b.** 14 **c.** 10 **d.** 25

7) (8 + 2) ÷ 2 = …….

a. 4 **b.** 5 **c.** 7 **d.** 12

8) 6 × 4 – 4 = ……..

a. 15 **b.** 20 **c.** 24 **d.** 64

9) 24 ÷ (4 – 1) – 2 = ………

a. 6 **b.** 10 **c.** 24 **d.** 48

10) Which is the first step in evaluating 18 – 15 + 3 × 8 – 2 ?

a. 18 – 15 **b.** 15 + 3 **c.** 3 × 8 **d.** 8 – 2

11) Which of the following = 6 ?

a. 3 × 1 + 2 **b.** 12 + 6 ÷ 3 **c.** 18 – 3 × 4 **d.** 24 ÷ 6 + 2

12) Which of the following = 24 ?

a. 3 × (3 + 5) **b.** 3 × 3 + 5 **c.** 3 + 3 × 5 **d.** (3 + 3) × 5

---

(2) Complete:

1) 2 + 5 × 2 = ………

2) 3 + 8 ÷ 2 = ……….

3) 16 ÷ 4 – 2 = ………

4) 40 ÷ (5 + 3) – 1 = ……..

5) 7 + 12 × (4 + 6) = ………

6) 25 – 3 × 5 + 2 = ………

7) 3 × 5 – 2 = ……….

8) 24 ÷ (4 – 1) + 1 = ………

9) 6 + 3 × 4 – 5 = …….

10) (16 + 8) ÷ 4 + 2 = ……..

11) 32 ÷ 4 – 6 = ……..

12) 2 + 6 × 4 – 8 = ……..

13) (3 × 5) – (2 × 6) = ……….

---

(3) Answer the following:

1) Use the order of operations to find: 7 + 12 × (4 + 6)

2) Find the value of: 16 ÷ 4 – 2

3) Find the value of: 25 – 3 × 5 + 2

المراجعة رقم (4)

الترم الاول







Q1: Choose the correct answer:

1 The perimeter of the rectangle of 8 cm long and 2 cm wide equals .... cm

ⓐ 16 ⓑ 20 ⓒ 6 ⓓ 10

2 The number 42,365,978 has .... digits.

ⓐ 7 ⓑ 8 ⓒ 9 ⓓ 10

3 Murad wrote [7 + 5] + 54 = 7 + [5 + 54] using the .... property of addition.

ⓐ Associative ⓑ Commutative

ⓒ Additive identity ⓓ otherwise

4 The value of digit 6 in number 2,476,217 is ....

ⓐ 6 ⓑ 600 ⓒ 60,000 ⓓ 6,000

5 The perimeter of a square is 40 cm, then its side length = ... cm

ⓐ 10 ⓑ 20 ⓒ 30 ⓓ 4

6 .... = 5 milliard,5 million,5 thousand, 5.

ⓐ 5,050,050,005 ⓑ 5,555 ⓒ 5,005,500,005 ⓓ 5,005,005,005

7 A square with area 1 m^2 What is its perimeter?

ⓐ 1 m ⓑ 2 m ⓒ 3 m ⓓ 4 m

8 If Ahmed had 100 pounds, and the sum of what he and his friend had was 350 pounds, How much money did his friend have ?

ⓐ 250 ⓑ 150 ⓒ 100 ⓓ 50

9 707 ÷ 7 = ...

ⓐ 11 ⓑ 101 ⓒ 110 ⓓ 100

10 In the equation : 484 ÷ 4 = 121 , the divisor is ....

ⓐ 484 ⓑ 121 ⓒ 0 ⓓ 4

11 A rectangle with an area 30 cm^2, if its length is 6 cm, then its width equals ....

ⓐ 6 cm ⓑ 5 cm ⓒ 11 cm ⓓ 30 cm

12 If 45 dates are distributed equally among 7 plates how many dates will be left?

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

13 Which of the following equals 9 ?

ⓐ 25 ÷ 5 + 4 ⓑ 25 - 10 - 4 ⓒ 3 x 3 + 2 ⓓ 8 - 2 x 3 + 1



14 A rectangle with perimeter is 28 cm, and its width 5 cm, then its area is .... cm^2
(a) 45 (b) 9 (c) 14 (d) 33

15 The even number which is a multiple of 3, 4, 10 together is ....
(a) 16 (b) 32 (c) 28 (d) 60

16 Which of the following is a factor of 108?
(a) 2 (b) 3 (c) 6 (d) All the previous

17 5 x 7 = 7 x 5 the property is called ....
(a) associative (b) commutative (c) identity (d) otherwise

18 If 35,741 - y = 7,425, then y = ...
(a) 28,316 (b) 43,166 (c) 40,213 (d) 15,730

19 The capacity of a juice can is 1 Liter and 500 mL , then its capacity in milliliters = ...
(a) 150 (b) 15,000 (c) 1,500 (d) 150,000

20 [(12 + 6) - 3] ÷ 5 = ...
(a) 15 (b) 6 (c) 3 (d) 5

21 7,482 cm = ... m, ... cm
(a) 7 m, 482 cm (b) 74 m, 82 cm (c) 748 m, 2 cm (d) 7 m, 82 cm

22 What is the number that is 10 times the number 18?
(a) 28 (b) 1,800 (c) 180 (d) 18

23 If 547 ÷ 5 = 181 R 2 , then the dividend is ....
(a) 547 (b) 5 (c) 181 (d) 2

24 The number 12 has .... pair of factor[s]
(a) 6 (b) 3 (c) 2 (d) 4

25 A rectangle of length 20 cm and width 10 cm , then its area is ...... square cm
(a) 60 (b) 20 + 10 (c) 200 (d) 2 x 20 + 2 x 10

26 Fatima start cooking at 6:15 PM. for 50 minutes, so, she finished at .... P.M
(a) 6 : 53 (b) 6 : 55 (c) 7 : 00 (d) 7 : 05

27 A week and 5 days = ... days
(a) 7 (b) 12 (c) 13 (d) 17









28 The prime number between 25 to 30 is ....

ⓐ 26 ⓑ 27 ⓒ 28 ⓓ 29

29 Which is NOT a common multiple of 3 and 5?

ⓐ 12 ⓑ 42 ⓒ 24 ⓓ 36

30 125,217 + 2,345 .... 125,217 - 2,345

ⓐ > ⓑ = ⓒ < ⓓ otherwise

31 Kilogram is one of measuring unit of ....

ⓐ capacity ⓑ mass ⓒ length ⓓ time

32 7,800 gram .... 24 kg

ⓐ > ⓑ = ⓒ < ⓓ otherwise

33 The number building of the number: 75,021 is called .... form.

ⓐ expanded ⓑ decompose ⓒ standard ⓓ word

34 The place value of digit 7 in the number 5,726,318 is ....

ⓐ million ⓑ thousands ⓒ hundred ⓓ hundred thousands

35 [112 + 38] +77 = 112+ [............ +77]

ⓐ 38 ⓑ 77 ⓒ 112 ⓓ 150

36 In the opposite bar model, the value of the number c = ...

7,620	
c	4,310

ⓐ 3,000 ⓑ 3,310 ⓒ 2,310 ⓓ 200

37 .... is a measuring unit of capacity.

ⓐ km ⓑ Litre ⓒ hour ⓓ kg

38 If 25 x m = 25, then m = ...

ⓐ 1 ⓑ 0 ⓒ 2 ⓓ 3

39 Million is the smallest .... -digit number.

ⓐ 6 ⓑ 7 ⓒ 8 ⓓ 9

40 2 x [5 x 4]= [2 x ....] x 4

ⓐ 20 ⓑ 1 ⓒ 10 ⓓ 5

41 35,000 hundred = ... thousands.

ⓐ 3,500 ⓑ 350 ⓒ 35,000 ⓓ 35

42 Area of rectangle = length x ....

ⓐ itself ⓑ width ⓒ 4 ⓓ height



43 Which answer represents rounding 32,582,345 to the nearest million ?

ⓐ 30,000,000 ⓑ 32,600,000 ⓒ 31,000,000 ⓓ 33,000,000

44 The digit in the Hundred Thousand place in the number 3,452,652 is ....

ⓐ 7 ⓑ 6 ⓒ 5 ⓓ 4

45 Which of the following represents 35 x 6 ?

ⓐ [5 x 6]+ [30 x 6] ⓑ [5 x 6]+[3 x 6] ⓒ [50 x 6]+ [3 x 6] ⓓ [50 x 6]+ [30 x 6]

46 27 ÷ 4 = ...

ⓐ 6 R 2 ⓑ 3 R 6 ⓒ 6 R 3 ⓓ 6 R 1

47 12 + 6 ÷ 3 = ...

ⓐ 14 ⓑ 6 ⓒ 1 ⓓ 16

48 A square of side length 4 cm , then its perimeter = ... cm

ⓐ 16 ⓑ 8 ⓒ 12 ⓓ 24

49 The number 40 equals 5 times the number ....

ⓐ 4 ⓑ 8 ⓒ 15 ⓓ 25

50 762 + 3,156 = ... + 762

ⓐ 762 ⓑ 3,918 ⓒ 3,156 ⓓ 1,524

51 Which of these statements used only Commutative property of addition to find 17 + 48 +13?

ⓐ [17 + 48] + 13 ⓑ 17 + 13 + 48 ⓒ 17 + [13 + 48] ⓓ [17 + 13]+ 48

52 If x - 180 = 256, then x = ...

ⓐ 76 ⓑ 436 ⓒ 176 ⓓ 406

53 13 L and 30 mL = ... mL

ⓐ 1,330 ⓑ 13,030 ⓒ 43 ⓓ 3,013

54 4 hours = ... minutes

ⓐ 240 ⓑ 96 ⓒ 14 ⓓ 60

55 3 day and 5 hours = ... hours

ⓐ 8 ⓑ 67 ⓒ 77 ⓓ 29

56 50 x 120 = ... x 100

ⓐ 6 ⓑ 60 ⓒ 170 ⓓ 6,000

57 The Multipticative identity Element is ....

ⓐ 1 ⓑ 0 ⓒ 2 ⓓ 3

58 The bar model | 7 | 7 | 7 | 7 | 7 | 7 | represent that the number ....
is 6 times number 7

a) 7 b) 6 c) 42 d) 36

59 In the opposite area model, the missing number of multiplying 6 x 34 is ....

	30	4
6	180	......

a) 4 b) 6 c) 204 d) 24

60 The G.C.F of 20 and 30 is ....

a) 1 b) 4 c) 5 d) 10

61 .... is a multiple of 3

a) 642 b) 316 c) 229 d) 113

62 Bassem saves 746 pounds monthly, how much money does he save in 9 months ?

a) 6,514 b) 6,714 c) 6,914 d) 6,974

63 The product of 192 x 3 is near close is ....

a) 400 b) 500 c) 600 d) 700

64 The smallest odd prime number is ....

a) 1 b) 2 c) 3 d) 0

65 A square with perimeter 32 cm, then its area is .... cm^2

a) 8 b) 24 c) 64 d) 32

66 37 ÷ 9 = 4 and remainder ....

a) 0 b) 1 c) 2 d) 3

67 In the opposite figure: its area = ...

15 cm, 20 cm, 10 cm, 25 cm

a) 70 cm b) 350 cm^2 d) 350 cm c) 90 cm

68 9 minutes and 10 seconds = ... seconds

a) 310 b) 560 c) 550 d) 600

69 27 hundreds ÷ 9 = ...

a) 30 hundreds b) 30 tens c) 3 tens d) 300 tens

70 Subtract: 613 - 247 = ...

a) 567 b) 434 c) 366 d) 807

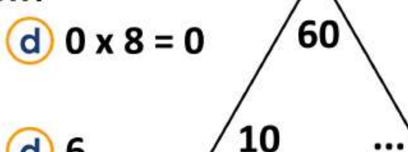


71 840 ÷ 4 = ...

ⓐ 21 ⓑ 210 ⓒ 120 ⓓ 420

72 Which choice best shows the zero property of multiplication?

ⓐ 1 x 5 = 5 ⓑ 9 x 6 = 6 x 9 ⓒ 6 x 10 = 60 ⓓ 0 x 8 = 0



73 The missing factor in the box equals ....

ⓐ 6,000 ⓑ 600 ⓒ 60 ⓓ 6

74 Area of a square of side length 5 cm = ... cm^2

ⓐ 20 ⓑ 25 ⓒ 15 ⓓ 30

75 In the equation 8 x b = 48, then b = ...

ⓐ 8 ⓑ 7 ⓒ 6 ⓓ 5

76 1,836 ÷ 3 is closer to ....

ⓐ 6 ⓑ 60 ⓒ 600 ⓓ 6,000

77 8 kilometers, 45 meters = ... meters

ⓐ 845 ⓑ 855 ⓒ 8,000,045 ⓓ 8,045

78 Which is the first step in evaluating 18 - 15 + 3 x 8 - 2?

ⓐ 18 - 15 ⓑ 15 + 3 ⓒ 3 x 8 ⓓ 8 - 2

79 If ants walk about 3,000 meters each day, then the ants walk .... km in 5 days

ⓐ 3 ⓑ 150 ⓒ 15,000 ⓓ 15

80 The quotient of dividing 922 by 3 is and the remainder is 1 ....

ⓐ 37 ⓑ 703 ⓒ 307 ⓓ 76

81 9 + 2 x [15 ÷ 5] = ...

ⓐ 15 ⓑ 21 ⓒ 18 ⓓ 11

82 1 and 5 are the common factors of ....

ⓐ 2 and 5 ⓑ 3 and 5 ⓒ 5 and 15 ⓓ 5 and 7

83 515 ÷ 5 = ...

ⓐ 130 ⓑ 13 ⓒ 103 ⓓ 101

84 Which of the following is a multiple of 6?

ⓐ 93 ⓑ 62 ⓒ 108 ⓓ 226

85 A square whose area 64 km^2, then its side length is ....

ⓐ 6 ⓑ 16 ⓒ 8 ⓓ 32

86 2,748 ÷ 9 = ...

ⓐ 304 R 2 ⓑ 304 R 3 ⓒ 305 R 2 ⓓ 305 R 3



Q2: Complete the following:

1. The side length of the square whose perimeter is 28 cm is .... cm
2. A rectangle its length is [L] and its width is [W], its perimeter = ...
3. .... is 100 times thirty thousands.
4. If 641 x 7 = 4,487, then 4,487 ÷ 7 = ...
5. The greatest number formed from different 7-digit is ....
6. 3,451,951,028 = ... milliards, ... millions, ... thousands, ...
7. 9 L - 3,000 = ... L
8. 5,856,469 ≈ 5,900,000 [Rounded to the nearest ....]
9. 8 : 15 + 3 : 50 = ...
10. 24 is .... times the number 2
11. The numbers 1 , 3 , 9 , 27 are all factors of ....
12. 2 million , 277 thousand ,191 = ... (as standard form)
13. 38 ÷ 6 = ... R2
14. 5 x 467 = (5 x 400) + (5 x ....) + (5 x 7)
15. [16 + 8] ÷ 4 + 2 = ...
16. .... is a factor of all number.
17. 7 + 12 x 4 + 6 = ...
18. Square has a perimeter 12 cm,then its area is ....
19. 5 x [2 x 4] = 5 x .... = ...
20. 130 minutes = ... hours, ... minutes
21. 99,999,862 ≈ .... [to the nearest million]
22. The Multiplicative identify element is ....
23. The greatest number formed from the digits 2, 0 , 5 , 3 and 7 is ....
24. 10 minutes, 7 seconds = ... seconds
25. The number which has only two factors and its sum equals 12 is ....
26. In the opposite bar model: The value of m = ...

m	
208	517

27 The G.C.F of 7 and 21 is ....

28 A rectangle of perimeter 18 cm, and length 5 cm, then its wide .... cm

29 The number 9 has .... factors.

30 The perimeter of the square of side length 7 cm = ... cm

31 The value of the variable in the equation : b + 1,000 = 3,000 is ....

32 28,000 thousands = ... millions.

33 15 + 20 ÷ 4 = ...

34 A jug of 10 liters of water. How many milliliters does it have ? ....

35 17,000 = ... hundreds

36 100 - (4 + 7) x 9 = ...

37 7 x .... = 7 x 600 + 7 x 50 + 7 x 3

38 The quotient in 480 ÷ 10 = 48 is ....

39 9,250 mL = ... L + ... mL

40 3 kg, 3 g = ... g

41 The factor pair 3 and 8 is for the number ....

42 If 500 + x = 625, then x = ...

43 7 L, 250 mL + 2 L, 750 mL = ... L

44 [61 + 23] + 24 = ... + [23 + 24]

45 2 days and 2 hours = ... hours

46 75 dm = ... m, ... dm

47 The smallest prime number is ....

48 The litre is the basic unit of ....

49 80 x 50 = ...

50 34 x 15 = ... x .... is called commutative property.

51 .... is a factor of all number.

52 Any number is a multiple of ....

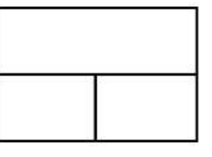
53 The greatest 1-digit prime number is ....

54 The number of hundreds in one million is ....



Q3: Answer the following:

1 m - 35,462 = 2,741



2 Find the unknown value

a. 7 x 5,000 = 7 x 5 x m

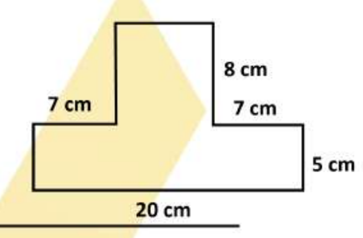
b. [3 x 7] x 6 = 3 x [m x 6]

3 There are 20,000 ants in the colony. If 1,500 ants went out to find food how many ants did not leave the colony ?

4 Find the area and the perimeter of the opposite figure

A = ...

P = ...



5 Find all factors of 24, and create T-chart.

6 There are 72 students in the playground , and we need to divide the students into teams, so that each team inctudes 9 students, How many teams can be formed ?

7 Use the order of operations to find: 7 + 12 x [4 + 6]

8 Apply properties of addition to solve the problem: 36 + 80 + 64 + 20

9 In the equation 710 + G = 930, find the value of G.

10 The game started at 7 : 50 PM. It ended at 10 : 05 PM,
How long was the game ?

11 A fish tank with a capacity of 50 liters is filled with 20,000 milliliters of water.
How many more liters of water are needed to fill it up comptetely ?

12 Nassr works 30 hours a week. If he gains 5 L.E per hour.
How much does Nassr gain in two weeks ?









13 Apply the properties of multiplication to solve the problems.

a. 5 x 7 x 2 b. 3 x 4,000 c. 4 x 7 x 5

14 A small rectangular ant farm, with length 20 cm and width 8 cm. What is the area of the farm ?

15 A square whose side length is 4 meters, then Find its area in square meters.

16 A colony of ants eats approximately 2,000 grams of food each day. If the ants have 10 kilograms of food stored, how many days will the food last ?

17 Write the numbers in an ascending order:

8,092,561 , 9,208,111 , 7,534,786 , 8,650,336

18 Solve each problem and name the property used.

a. 17 + 8 + 3 b. 35 + 14 + 15 + 36

19 A bus Leaves for Cairo at 4:30 P.M. It takes 1 hr, 25 min. to reach there. at what time will it reach at Cairo?

20 Round 459,624

a. to the nearest hundred: ....

b. to the nearest hundred thousand: ....

21 Ahmed bought 3 mobiles, the price of each mobile is 7,000 pounds. How much did Ahmed pay?

22 The number of students in a school is 693, divided equally over 3 floors, How many students are in each floor ?

23 Find the product of 354 x 5

24 Find the greatest common factor [G.C.F] for the numbers 12 and 18

25 Write the factors of the number 16

26 8 people participated in an exhibition and each one of them won 235 pounds, how much did they all win ?





27 Find all factors of 24, and create T-chart.

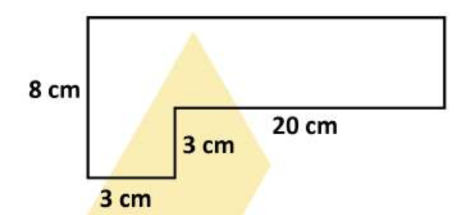
28 Basma bought a bottle of milk of capacity 3 liters and drank from it 1,500 mL How many liters are left ?

29 Find the G.C.F of the two numbers 30 and 45

30 A road of 675 km length. If a train travelled 239 km from this road what is the remaining distance of the road ?

31 Find the area and the perimeter of the opposite figure

A = ...   P = ...



32 A candy box contains 15 pieces. How many candy pieces are in 9 similar boxes ?

33 4,000 - 2,352 = ...

34 Ayman ate 4 figs in the morning. His older brother ate 3 times as many as Ayman. How many figs did his brother eat ?

35 In the following equation A + 125 = 300 , find the value of A

اللهم اجعل هذا العمل خالصا لوجهك الكريم
واكتب له القبول والنفع يا كريم يا وهّاب.











Final Exam

Q1: Choose the correct answer: (7 marks)

1. 3 day and 5 hours = ... hours
   a) 8 b) 67 c) 77 d) 29
2. Which is the first step in evaluating 18 - 15 + 3 x 8 - 2?
   a) 18 - 15 b) 15 + 3 c) 3 x 8 d) 8 - 2
3. 12 hundreds ÷ 4 = ...
   a) 30 hundreds b) 30 tens c) 3 tens d) 300 tens
4. The number 42,365,978 has .... digits.
   a) 7 b) 8 c) 9 d) 10
5. A square with perimeter 32 cm, then its area is .... cm^2
   a) 8 b) 24 c) 64 d) 32
6. The digit which is in the Thousand place in the number 326,190 is ....
   a) 6 b) 5 c) 3 d) 9
7. 70,000 .... 700 hundreds
   a) > b) = c) < d) otherwise

Q2: Complete the following: (8 marks)

1. A rectangle its length is L and its width is W , then its area = ...
2. The missing number in the opposite area model is ....

	70	......
4	280	16

3. The numbers 1 , 3 , 9 , 27 are all factors of ....
4. The multiplicative identify element is ....
5. The factor pair 3 and 8 is for the number ....
6. 100 - (4 + 7) x 9 = ...
7. .... is a factor of all number.
8. 26 ÷ 4 = ... R 2

Q3: Choose the correct answer: (7 marks)

1. What is the number that is 10 times the number 18?
   a) 28 b) 1,800 c) 180 d) 18









2 The smallest odd prime number is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

3 125,217 + 2,345 .... 125,217 - 2,345

ⓐ > ⓑ = ⓒ < ⓓ otherwise

4 The product of 192 x 3 is near close is ....

ⓐ 400 ⓑ 500 ⓒ 600 ⓓ 700

5 The quotient of dividing 922 by 3 is and the remainder is 1 ....

ⓐ 37 ⓑ 703 ⓒ 307 ⓓ 76

6 The bar model | 7 | 7 | 7 | 7 | 7 | 7 | represent that the number ....

is 6 times number 7

ⓐ 7 ⓑ 6 ⓒ 42 ⓓ 36

7 Farida wrote [7 + 5] + 54 = 7 + [5 + 54] using the .... property of addition.

ⓐ Associative ⓑ Commutative

ⓒ Additive identity ⓓ otherwise

Q4: Answer the following: (8 marks)

1 Arrange the following numbers in a descending order.

654,311 , 654,301 , 599,310 , 654,310 , 604,320

The order: .... , ... , ... , ... , ...

2 Find G.C.F of 16 , 20

a) Factors of 16 : .... b) Factors of 20 : ....

c) Common factors: .... d) G.C.F: ....

3 Ants walk about 5,000 meters every day. How many kilometer ants walk in 6 days

....

4 Solve the following:

a) 572 x 4 = ... (show steps)

b) 675 ÷ 6 = ... (show steps)

إنتهـــت الأسئلة

حمل الان

مجانا وحصريا

المراجعة رقم (5)







Q1- Choose the correct answer :-

1) The Place value of the digit 3 in the number 3,254,568 is …………

a) tens b) hundreds c) millions d) ones

2) 20 tens = …………

a) 2 b) 12 c) 200 d) 120

3) 34,089 ≅ ………………… (to the nearest ten thousands)

a) 34,000 b) 34,090 c) 30,000 d) 35,000

4) The number ………….. is 100 times of 42

a) 420 b) 4,200 c) 42,000 d) 420,000

5) 18 thousands = ………………

a) 1,800 b) 18,000 c) 180 d) 180,000

6) 157,234 ………… 175,150

a) < b) > c) =

7) The additive identity element is ………………………

a) 0 b) 1 c) 2 d) 3

8) 25 + 15 = 15 + 25 is called ………………… property

a) identity b) distributive c) associative d) commutative

9) 1,567+ 0 = 1,567 is called ………………… property

a) identity b) distributive c) associative d) commutative

10) The additive identity added to 10 equals …………….

a) 0 b) 10 c) 11 d) 100

11) 7 m , 5 cm = …………… cm

a) 705 b) 12 c) 75 d) 750

12) 3 km , 90 m = ………… m

a) 3,009 b) 3,090 c) 3,900 d) 390

13) The suitable unit for measuring length of football playground is ……

a) meter b) centimeter c) Millimeter d) kilometer

14) 9 kg, 35 gm = …………… gm.

a) 900,035 b) 9,035 c) 9,350 d) 9,305

15) 13 liters and 30 ml = ……….. ml.

a) 1,330 b) 13,030 c) 43 d) 3,013

16) 14 L + 5000 mL = …………… L.

a) 5,014 b) 19 c) 1,450 d) 15

17) 7 : 25 – 40 minutes = ……………

a) 8 : 05 b) 6 : 45 c) 5 : 25 d) 6 : 25

18) 3 : 40 + 30 minutes = ……………

a) 4 : 10 b) 4 : 50 c) 3 : 20 d) 7 : 40

19) The capacity of a juice is 1 liter and 500 ml, then its capacity in milliliters = …………… ml

a) 150 b) 1500 c) 15000 d) 1005

20) The perimeter of a rectangle with 7 cm long and 3 cm wide is ………

a) 21 cm b) 21 cm^2 c) 20 cm d) 20 cm^2

21) A rectangle has a length (L), and its width is (W) is its perimeter?

a) L + W b) L x W c) 2 x (L +W) d) (2 x L) + W

22) A carpet as shape of square of side 5 m, its perimeter = ………… m

a) 20 b) 25 c) 30 d) 35

23) The perimeter of the rectangle whose length is 6 m and its width is 3 m is …………….

a) 18 m b) 12 m c) 24 m d) 18 m^2

24) A rectangle of length 20 cm and width 10 cm , then its area = ……… m^2

a) 2×20+2×10 b) 10 × 20 c) 60 d) 200

25) 42 is ……… times the number 6

a) 6 b) 7 c) 8 d) 9

26) 56 is seven times …………………

a) 7 b) 8 c) 9 d) 56

27) The multiplication equation of the comparison statement "36 is 4 times the number 9" is ………………

a) 36 = 6 × 6 b) 36 =9+9+9+9 c) 36 = 4 × 9 d) 36 = 12 × 3

28) Determine which choice best shows the identity property of multiplication ………………

a) 0 × 6 = 0 b) 1 × 6 = 6 c) 1 × 6 = 6 × 1 d) 2 × 6 =6 × 2

29) Determine which choice best shows the zero property of multiplication ……………

a) 1 × 5 = 5 b) 2 × 3 = 3 × 2 c) 6 × 100 = 600 d) 0 × 5 = 0

30) Which equation would be best to include in an explanation of the Associative Property of multiplication ?

a) [9 × 12] × 0 = 0 b) [3 × 7] × 2 = 3 × [7 × 2]

c) [4 × 6] × 1 = 4 × 6 d) [11 × 8] × 9 = 9 × [11 × 8]

31) Which equation would be best to include an explanation of the commutative Property of multiplication ?

a) $3 \times 1 = 3$ b) $9 \times 6 = 6 \times 9$

c) $6 \times [2 \times 4] = [6 \times 2] \times 4$ d) $5 \times 16 = [5 \times 11] + [5 \times 5]$

32) Which of the following is a prime number ………………….

a) 1 b) 11 c) 14 d) 50

33) 3 has ……………… factors

a) 1 b) 2 c) 3 d) otherwise

34) The common factors of 6 and 8 are ……………

a) 1 and 2 b) 4 and 6 c) 1,2 and 3 d) 1,2 and 4

35) All the factors of 16 are …………..

a) 1 , 16 b) 2 , 4, 8 c)1 ,2,4 ,6,8 ,16 d)1 ,2,4 ,8 ,16

36) If 500 + x = 625,then X =………….

a) 25 b) 1,125 c) 125 d) 225

37) The G.C.F. of 35 and 25 is ………….

a) 10 b) 7 c) 5 d) 20

38) If 6 × 7 = 42, then 42 is a ……… of 6 and 7

a) multiple b) factor c) double d) triple

39) Which of the following is a composite number?

a) 2 b) 5 c) 7 d) 9

40) Which is NOT a multiple of 7?

a) 42 b) 63 c) 707 d) 27

41) Multiples of 2 are …………..

a) even b) odd c) prime d) otherwise

42) …………… is a factor of 6

a) 18 b) 2 c) 12 d) 24

43) The correct relation between 6 and 18 is ……….

a) 6 is a factor of 18 b) 18 is a factor of 6 c) 6 is a multiple of 18 d) 18 is a twice of 6

44) Which is a multiple of 8 …………..

a) 4 b) 1 c) 16 d) 2

45) 0 , 8 , 16 , 24 all multiples of ……………

a) 24 b) 0 c) 16 d) 8

46) …………… is a multiple of 12

a) 4 b) 3 c) 6 d) 12

47) $5200 \times 10 =$ …………

a) 520 b) 5220 c) 52 thousand d) 52 hundred

48) $5 \times 8 =$ …………… tens

a) 40 b) 4 c) 400 d) 4000

49) $18 \times 5 =$ ……………

a) 900 b) 9 tens c) 9 d) 185

50) $87 \div 4 = 21$ R 3 , the divisor is ………………

a) 3 b) 4 c) 21 d) 87

51) $406 \div 5 = 81$ R = ………………

a) 0 b) 1 c) 2 d) 3

52) 250 ÷ 4 = ………………

a) 62 b) 62 R 2 c) 26 R 5 d) 26 R 2

53) 707 ÷ 7 = …………………

a) 100 b) 701 c) 100 + 1 d) 707

54) The …………………… must be smaller than the divisor

a) dividend b) remainder c) quotient d) otherwise

55) 450 ÷ 10 = ……………

a) 45 tens b) 450 tens c) 450 d) 45 ones

56) 1000 ÷ 100 = ………………

a) 10 b) 100 c) 1000 d) 1

57) 0 ÷ 145 = …………….

a) 0 b) 1 c) 145 d) undefind

58) 321 ÷ 0 = …………..

a) 0 b) 1 c) 321 d) undefind

59) 100 = half of …………….

a) 50 b) 200 c) 100 d) 1

60) 60 is twice ………………

a) 30 b) 60 c) 120 d) 10

61) In 6 × 2 – (3 + 1) ÷ 8 , the first step is ……………

a) 3 + 2 b) 3 + 1 c) 6 × 2 d) 4 ÷ 8

62) The second step in solving 20 - 8 ÷ 2 + 3

a) division b) addition c) subtraction d) otherwise

Q2- Complete the following :-

1) 720 hundreds = ………
2) 32000 = …………… thousands
3) 30 tens = ………………
4) 800 tens = …………………
5) Four million , two hundred thirteen thousand , nine hundred thirty six , in (standard form) is ………………
6) 16,701 ≅ ……………… (to the nearest thousand)
7) Three hundred seventy in the standard form =……………………
8) The number 84,215 in the expanded form is …………………………
9) Milliard is the smallest number formed of ……… digit number.
10) 3 million, 6 thousand, 24 in the standard form is ………………
11) The value of the digit 6 in 61,230,478 is …………………………
12) The value of the digit 3 in 27,362,478 is ………………………
13) The place value of the digit 6 in 16,230,478 is …………………….
14) The number 6,564,735 rounded to the nearest hundred thousand is ………
15) The decomposed form of the numeral ……………………………
16) The value of 50 thousands is ………………
17) The number 2348 ≅ ………………… (to the nearest 10).
18) ……… Tens = 700
19) The number 7,257,365 rounded to the nearest millions is ………………
20) The greatest number formed from the digits 2, 0, 5, 3 is ………………
21) If the place value of 4 is million, then its value is ………………
22) The value of 0 in the number 7,056,219 is ………………
23) The standard form of the number: eight hundred and five is ……………
24) Write in the standard form the number: 66 million, 5 thousand ………
25) The number 543,186 approximated to the nearest thousand is ……………………………….

26) The greatest number can be formed from the digits 3 , 6 , 5 , 4 , 8 , 2 and 9 is ……………………

27) 99 ≅ …………… (to the nearest 10)

28) The smallest number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is …………………………….

29) the word of the number 800,000 + 50,000 + 30 + 9 is

……………………………………………………………………………………………………

30) 58,000,000 = …………… million

31) 762 + 321 = …………… + 762

32) (61 + 23) + 24 = …………… + (23 + 24)

33) 35,216 + 1,999 = ……………

34) S – 74,252 = 23,402 , then s = ……………

35) 7356 – 2547 = ……………

36) B + 4,261 = 21,253 , then b = ……………

37) (…… +11) + ……… = 45 + (……… + 33)

38) In the bar model M = …………….

100	
35	M

39) 7 m = ……… mm

40) 7 km , 50 m = ……… m

41) 8,875 g = ……………. kg , …………… g

42) 35 kg and 86 g = …………………… g.

43) 3L + 2L + 500 mL = ……………… mL.

44) 9,000 mm = …………… cm.

45) 16 cm = ……………… mm

46) 12 L = …………… ml

47) …………… kg = 5000 gm

48) 6 kg + 450 gm = …………………… gm

49) 8 m + 23 cm = ……………… cm

50) 9 L = …………………… ml

51) 8000 ml – 4 liters = …………………… liters

52) 7 L + 35 ml = …………………… ml

53) kilogram is the measuring unit of ....
54) liter is the measuring unit of ....
55) 3 weeks , 4 days = ... days
56) 5 days = ... hours
57) 3 minutes , 20 seconds = ... seconds
58) 10 days = ... hours
59) 1 day and 5 hours = ... hours.
60) 3 : 35 + 2 :20 = ...
61) 5 : 43 - 1 : 25 = ...
62) 2 hours and 20 minutes = ... minutes.
63) 10 hours and 30 minutes = ... minutes.
64) 2 days and 12 hours = ... hours
65) A square of a side length 7 cm , its perimeter = ... cm
66) A square has a perimeter 24 cm , then its area = ...
67) The perimeter of a square = ...
68) The area of a square = ...
69) The area of square whose side is 1 cm = ... cm^2
70) The area of a rectangle = ...
71) Perimeter of a rectangle = ...
72) A square whose side length is 4 meters, then its area is ....
73) A square has an area of 16 square centimeters, then its perimeter is .... cm.
74) The area of a rectangle is 32 cm^2 and its length is 8 cm , then its width = ...cm
75) A rectangle has 4 cm width , and 6 cm length , then its area = ...cm2
76) A perimeter of square is 20 cm , then its side length is ....cm
77) 45×0 = ...
78) 2 × [5 × 4] = [2 × ....] × 4
79) [300 × 7] × 0 = ...

80) ……… × 245 = 24,500
81) 4 × 3 × 7 = 4 × ………………
82) The multiplicative equation of 8 + 8 + 8 + 8 + 8 = 40 is ………………
83) ………… = 1,000 × 5
84) 3,200 = ……………… Hundreds.
85) 4 × 7 = 7 × 4 ……………………… Property of multiplication
86) If A × 7 = 21, then A = …………
87) 60 is ten times as great as a number. What is the number? ………………
88) 16 is ………………… times greater than 2
89) 10 times greater than 32 is …………………
90) 9000 = …………… tens
91) G.C.F for two numbers 14 , 21 is ……………..…
92) G.C.F for two numbers 12 , 8 is ……………..…
93) The factors of 23 are …………… and ……………
94) The smallest prime number formed from 2 digits is ………………
95) The only even prime number is ………………………
96) The smallest odd prime number is ……………………….
97) A prime number, difference between its factors is 6, then the number is ……………
98) The prime number has only …………. Factors
99) The common factor of all number is ……………………
100) The common multiple of all number is ……………………
101) The numbers (1, 2, 3, 6) is factors of the number ………………..
102) G.C.F for two numbers 6, 12 is ……………..…
103) All factors of 36 are ……………………
104) 23 has …………… factors
105) The composite number has …………………… 2 factors
106) G.C.F for two numbers 30 , 45 is ……………..…
107) 1 ,3 , 9 , 27 are factors of ………………
108) 123 × 4 = …………….

109) 14 × 26 = ……………

110) 21 × 3 = ……………

111) 60 × 70 = ……………

112) 362 × 8 = (…… × 8) + (…… × ……) + (…… × ……)

113) If 2196 ÷ 6 = 366 , the dividend is …………………

114) 33 ÷ 3 = 11 , the devisor is ………………

115) 37 ÷ 9 = 4 and remainder is…………………

116) 11 ÷ 3 = ……………… R …………………

117) 400 ÷ 8 = …………………

118) 180 ÷ 2 = …………………

119) 550 ÷ 5 = …………………

120) 240 ÷ 4 = …………………

121) 816 ÷ 4 = ………………

122) 357 ÷ 3 = …………………

123) 6006 ÷ 6 = ……………

124) 321 ÷ 1 = ……………

125) 28 ÷ 5 = ……………R …………………

126) 515 ÷ 5 = ……………

127) If 213 × 3 = 639 , then 639 ÷ 3 = ……………

128) 2 + 5 × 2 = ………………

129) 3 + 8 ÷ 2 = ………………

130) 18 - 6 × 2 + 30 = …………………

131) 81 + (54 ÷ 6) = ………………………

132) 9 + 2 × (15 ÷ 5) = ………………………

Q3-Answer the following :-

1) 142 + 55 + 18 + 45 (Use the properties of addition)

....

....

....

....

2) 75 + 87 + 25 (Use the properties of addition)

....

....

....

3) A factory produced 2,879 toys in one week , the next week , the factory produced 3,276 toys , find the difference between the production in the two weeks .

....

....

4) Adel spend 6 hours at school if we want to calculate Adel"s school day in minutes what will we do ?

....

5) List from least to greatest 21,000 g / 17 kg / 23,000 g / 25 kg

....

....

6) A television cartoon movie begins at 7 : 15 pm and ends at 8 : 10 pm , find the elapsed time .

....

....

7) Seif studies 30 minutes every day , how many hours will he study in 6 days ?

....

....

8) A tank capacity of 70 liters is filled with 25,000 milliliters of water , how many more liters of water are needed to fill it up completely ?

....

....

9) Hanan has 5 L.E. , and Mohamed has 50 L.E. then the money with Mohamed = ………….. times with Hanan

10) A piece of land is in the shape of a rectangle with a width of 9 meters and a length 5 meters, find is its perimeter?

....

11) A square swimming pool whose sides are 5 m, find its perimeter and area? ....

12) Which is the greater , the area of a rectangle its dimensions are 7 cm and 5 cm or area of a square with side length 6 cm ?

....

....

....

13) Maria has 4 times as many dollars as her sister , her sister has 3 dollars , how much money does Maria have ?

....

....

14) List all factors of each number , 6 , 12 , 25 , 28 .

....

....

....

....

15) From the opposite rectangle ,

Area = ……………………………………

Perimeter = ……………………………

2 cm

5 cm

16) From the opposite figure ,

value of y = ……………………………

Y

16 cm^2

17) Find is the area and perimeter of the figure ?

area = ……………………………………………………

……………………………………………………

Perimeter = ……………………………………………

……………………………………………

7 cm

4 cm

2 cm

18) There are 6 people won 145 pounds , each as the fair , how much money did they win together ?

……………………………………………………………………………………………………

19) In the opposite area model the missing number Of multiplying 5 × 22 is ………………





20) Ahmed bought 4 balls , if the price of total balls is 260 L.E. , find the price of each ball ?

……………………………………………………………………………………………………

……………………………………………………………………………………………………

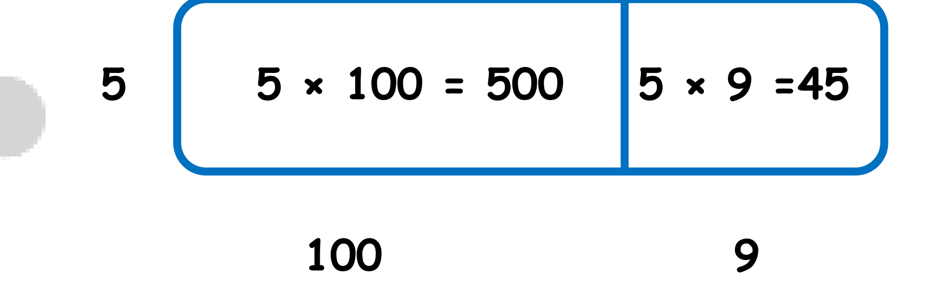
21) A factory produced 4,256 toys in each month , how many toys were produced in 3 months ?

……………………………………………………………………………………………………

……………………………………………………………………………………………………

……………………………………………………………………………………………………

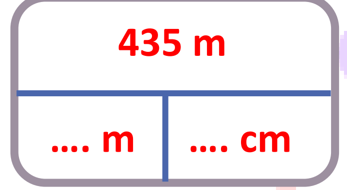
22) From area model the quotient is ……………

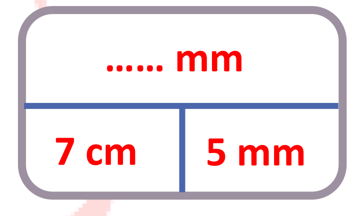


23) 52 pounds distributed equally between 6 friends , then the remainder is ………………

24) 37 oranges distributed equally among 5 friends , how many oranges will be left ………………

Q4- Complete the bar models :-





8,044 g	
… kg	… g

…. ml	
25 L	25 ml

Exam

Q1-Choose the correct answer :-

1) The standard form of the number 2 million , 3 thousand ,45 is ………..

a) 2,003,045 b) 82,345 c) 2,300,045 d) 2,000,300,045

2) 850 × m = 850 , then m

a) 2 b) 850 c) 1 d) 0

3) The number 30 equals 5 times the number …………..

a) 150 b) 6 c) 5 d) 25

4) 80 × 60 = ……….. × 100

a) 84 b) 80 c) 48 d) 4800

5) 2 × 5 × 3 = …………… × 3

a) 5 b) 3 c) 10 d) 2 × 3

6) The number of factors of the prime number is ……………..

a) 0 b) 1 c) 2 d) otherwise

7) 939 ÷ 3 = …………….

a) 101 b) 303 c) 313 d) 191

Q2- Complete the following : -

1) 73,000,000+8,000+400+30+3= …………………
2) 3000 – B = 2 000 then B = ………………
3) From the opposite bar model ,the value of C = …………
4) 8 km ,45 cm = …………… cm
5) 148,000 thousands = ………………… millions
6) 3 : 25 + 6 : 42 = ……………
7) 5 weeks = ………………… days
8) Area of rectangle its Length is 7 cm, width is 3 cm = …………………

7,620	
C	4,310

Q3-Choose the correct answer : -

1) The G.C.F of 20 and 30 is

a) 20 b) 1 c) 10 d) 5

2) 125 × 5 = ………………

a) 625 b) 130 c) 605 d) 505

3) 26 ÷ 4 = ……………………

a) 5 R 5 b) 6 R 2 c) 7 R 2 d) 4 R 2

4) Which is the first step in evaluating 18 - 15 + 3 x 8 -2?

a) 18 - 15 b) 15 + 3 c) 3 × 8 d) 8 - 2

5) Which of the following = 6 ?

a) 3x1+2 b) 12+6÷3 c) 18-3x4 d) 24÷ 6 -2

6) The quotient of 55 ÷ 5 = ………………

a) 111 b) 11 c) 1 d) 5

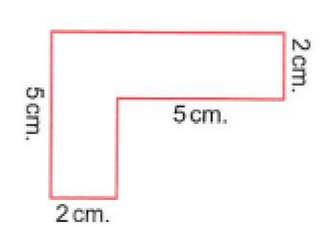
7) If the side length of a square is 3 cm , then its area is ……… cm^2

a) 9 cm b) 12 cm c) 9 cm^2 d) 12 cm^2

Q4-Answer the following questions : -

1) Find the G.C,F between 12 and 18

2) Seif ate 4 figs in the morning. His older brother ate 3 times as many as Seif. How many figs did his brother eat ?



3) Find the perimeter of the opposite figure.

4) A road of 675 km If a train travelled 239 km from this road , what is the remaining distance of the road ?

Answers

Q1- Choose the correct answer :-

1) The Place value of the digit 3 in the number 3,254,568 is ………..

a) tens b) hundreds c) **millions** d) ones

2) 20 tens = ………..

a) 2 b) 12 c) **200** d) 120

3) 34,089 ≅ ……………….. (to the nearest ten thousands)

a) **34,000** b) 34,090 c) 30,000 d) 35,000

4) The number ………….. is 100 times of 42

a) 420 b) **4,200** c) 42,000 d) 420,000

5) 18 thousands = ………………

a) 1,800 b) **18,000** c) 180 d) 180,000

6) 157,234 ……….. 175,150

a) **<** b) > c) =

7) The additive identity element is ……………………..

a) **0** b) 1 c) 2 d) 3

8) 25 + 15 = 15 + 25 is called ……………….. property

a) identity b) distributive c) associative d) **commutative**

9) 1,567+ 0 = 1,567 is called ……………….. property

a) **identity** b) distributive c) associative d) commutative

10) The additive identity added to 10 equals …………….

a) 0 b) **10** c) 11 d) 100

11) 7 m , 5 cm = …………… cm

a) 705 b) 12 c) 75 d) 750

12) 3 km , 90 m = ………… m

a) 3,009 b) 3,090 c) 3,900 d) 390

13) The suitable unit for measuring length of football playground is ……

a) meter b) centimeter c) Millimeter d) kilometer

14) 9 kg, 35 gm = …………… gm.

a) 900,035 b) 9,035 c) 9,350 d) 9,305

15) 13 liters and 30 ml = ……….. ml.

a) 1,330 b) 13,030 c) 43 d) 3,013

16) 14 L + 5000 mL = …………… L.

a) 5,014 b) 19 c) 1,450 d) 15

17) 7 : 25 – 40 minutes = ……………

a) 8 : 05 b) 6 : 45 c) 5 : 25 d) 6 : 25

18) 3 : 40 + 30 minutes = ……………

a) 4 : 10 b) 4 : 50 c) 3 : 20 d) 7 : 40

19) The capacity of a juice is 1 liter and 500 ml, then its capacity in milliliters = …………… ml

a) 150 b) 1500 c) 15000 d) 1005

20) The perimeter of a rectangle with 7 cm long and 3 cm wide is ………

a) 21 cm b) 21 cm^2 c) 20 cm d) 20 cm^2

21) A rectangle has a length (L), and its width is (W) is its perimeter?

a) L + W b) L x W c) 2 x (L +W) d) (2 x L) + W

22) A carpet as shape of square of side 5 m, its perimeter = ………… m

a) 20 b) 25 c) 30 d) 35

23) The perimeter of the rectangle whose length is 6 m and its width is 3 m is …………….

a) 18 m b) 12 m c) 24 m d) 18 m^2

24) A rectangle of length 20 cm and width 10 cm , then its area = ……… m^2

a) $2\times20+2\times10$ b) 10×20 c) 60 d) 200

25) 42 is ……… times the number 6

a) 6 b) 7 c) 8 d) 9

26) 56 is seven times …………………

a) 7 b) 8 c) 9 d) 56

27) The multiplication equation of the comparison statement "36 is 4 times the number 9" is ………………

a) $36 = 6 \times 6$ b) $36 = 9+9+9+9$ c) $36 = 4 \times 9$ d) $36 = 12 \times 3$

28) Determine which choice best shows the identity property of multiplication ………………

b) $0 \times 6 = 0$ b) $1 \times 6 = 6$ c) $1 \times 6 = 6 \times 1$ d) $2 \times 6 = 6 \times 2$

29) Determine which choice best shows the zero property of multiplication ……………

a) $1 \times 5 = 5$ b) $2 \times 3 = 3 \times 2$ c) $6 \times 100 = 600$ d) $0 \times 5 = 0$

30) Which equation would be best to include in an explanation of the Associative Property of multiplication ?

e) $[9 \times 12] \times 0 = 0$ f) $[3 \times 7] \times 2 = 3 \times [7 \times 2]$

g) $[4 \times 6] \times 1 = 4 \times 6$ h) $[11 \times 8] \times 9 = 9 \times [11 \times 8]$

31) Which equation would be best to include an explanation of the commutative Property of multiplication ?

e) $3 \times 1 = 3$ f) $9 \times 6 = 6 \times 9$

g) $6 \times [2 \times 4] = [6 \times 2] \times 4$ h) $5 \times 16 = [5 \times 11] + [5 \times 5]$

32) Which of the following is a prime number ………………….

a) 1 b) 11 c) 14 d) 50

33) 3 has ……………… factors

a) 1 b) 2 c) 3 d) otherwise

34) The common factors of 6 and 8 are ……………

a) 1 and 2 b) 4 and 6 c) 1,2 and 3 d) 1,2 and 4

35) All the factors of 16 are …………..

a) 1 , 16 b) 2 , 4, 8 c)1 ,2,4 ,6,8 ,16 d)1 ,2,4 ,8 ,16

36) If 500 + x = 625 , the x =

a) 25 b) 1,125 c) 125 d) 225

37) The G.C.F. of 35 and 25 is ………….

a) 10 b) 7 c) 5 d) 20

38) If $6 \times 7 = 42$, then 42 is a ……… of 6 and 7

a) multiple b) factor c) double d) triple

39) Which of the following is a composite number?

a) 2 b) 5 c) 7 d) 9

40) Which is NOT a multiple of 7?

a) 42 b) 63 c) 707 d) 27

41) Multiples of 2 are …………..

a) even b) odd c) prime d) otherwise

42) …………… is a factor of 6

a) 18 b) 2 c) 12 d) 24

43) The correct relation between 6 and 18 is ……….

a) 6 is a factor of 18 b) 18 is a factor of 6 c) 6 is a multiple of 18 d) 18 is a twice of 6

44) Which is a multiple of 8 …………..

a) 4 b) 1 c) 16 d) 2

45) 0 , 8 , 16 , 24 all multiples of ……………

a) 24 b) 0 c) 16 d) 8

46) …………… is a multiple of 12

a) 4 b) 3 c) 6 d) 12

47) 5200 $\times$ 10 = …………

a) 520 b) 5220 c) 52 thousand d) 52 hundred

48) 5 $\times$ 8 = …………… tens

a) 40 b) 4 c) 400 d) 4000

49) 18 $\times$ 5 = ……………

a) 900 b) 9 tens c) 9 d) 185

50) 87 $\div$ 4 = 21 R 3 , the divisor is ………………

a) 3 b) 4 c) 21 d) 87

51) 406 $\div$ 5 = 81 R = ………………

a) 0 b) 1 c) 2 d) 3

52) 250 ÷ 4 = ………………

a) 62 <u>b) 62 R 2</u> c) 26 R 5 d) 26 R 2

53) 707 ÷ 7 = …………………

a) 100 b) 701 <u>c) 100 + 1</u> d) 707

54) The …………………… must be smaller than the divisor

a) dividend <u>b) remainder</u> c) quotient d) otherwise

55) 450 ÷ 10 = ……………

a) 45 tens b) 450 tens c) 450 <u>d) 45 ones</u>

56) 1000 ÷ 100 = ………………

a) <u>10</u> b) 100 c) 1000 d) 1

57) 0 ÷ 145 = …………….

a) <u>0</u> b) 1 c) 145 d) undefind

58) 321 ÷ 0 = …………..

a) 0 b) 1 c) 321 d) undefind

59) 100 = half of …………….

a) 50 <u>b) 200</u> c) 100 d) 1

60) 60 is twice ………………

a) <u>30</u> b) 60 c) 120 d) 10

61) In 6 × 2 – (3 + 1) ÷ 8 , the first step is ……………

a) 3 + 2 <u>b) 3 + 1</u> c) 6 × 2 d) 4 ÷ 8

62) The second step in solving 20 - 8 ÷ 2 + 3

a) division b) addition <u>c) subtraction</u> d) otherwise

Q2- Complete the following :-

1) 720 hundreds = 72,000
2) 32000 = 32 thousands
3) 30 tens = 300
4) 800 tens = 8 000
5) Four million , two hundred thirteen thousand , nine hundred thirty six , in (standard form) is 4,213,936
6) 16,701 ≅ 17,000 (to the nearest thousand)
7) Three hundred seventy in the standard form = 370
8) The number 84,215 in the expanded form is 80,000+4000+200+10+5
9) Milliard is the smallest number formed of 10 digit number.
10) 3 million, 6 thousand, 24 in the standard form is 3,006,024
11) The value of the digit 6 in 61,230,478 is 60,000,000
12) The value of the digit 3 in 27,362,478 is 300,000
13) The place value of the digit 6 in 16,230,478 million
14) The number 6,564,735 rounded to the nearest hundred thousand is 6,600,000
15) The decomposed form of the numeral 340,004 is(3×100,000)+(4×10,000)+4×1
16) The value of 50 thousands is 50,000
17) The number 2348 ≅ 2,350 (to the nearest 10).
18) 70 Tens = 700
19) The number 7,257,365 rounded to the nearest millions is 7 000 000
20) The greatest number formed from the digits 2, 0, 5, 3 is 5320
21) If the place value of 4 is million, then its value is 4 000 000
22) The value of 0 in the number 7,056,219 is 0
23) The standard form of the number: eight hundred and five is 805
24) Write in the standard form the number: 66 million, 5 thousand: 66,005,000
25) The number 543,186 approximated to the nearest thousand is 543,000

26) The greatest number can be formed from the digits 3 , 6 , 5 , 4 , 8 , 2 and 9 is 9,865,432
27) 99 ≅ 100 (to the nearest 10)
28) The smallest number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is 1,023,456,789
29) the word of the number 800,000 + 50,000 + 30 + 9 is eight hundred fifty thousands , thirty nine .
30) 58,000,000 = 58 million
31) 762 + 321 = 321 + 762
32) (61 + 23) + 24 = 61 + (23 + 24)
33) 35,216 + 1,999 = 37,215
34) S – 74,252 = 23,402 , then s = 97654
35) 7356 – 2547 = 4809
36) B + 4,261 = 21,253 , then b = 16992
37) (45 +11) + 33 = 45 + (11 + 33)
38) In the bar model M = 65

100	
35	M

39) 7 m = 7000 mm
40) 7 km , 50 m = 7,050 m
41) 8,875 g = 8 kg , 875 g
42) 35 kg and 86 g = 35,086 g.
43) 3L + 2L + 500 mL = 5,500 mL.
44) 9,000 mm = 900 cm.
45) 16 cm = 160 mm
46) 12 L = 12,000 ml
47) 5 kg = 5000 gm
48) 6 kg + 450 gm = 6,450 gm
49) 8 m + 23 cm = 823 cm
50) 9 L = 9000 ml
51) 8000 ml – 4 liters = 4 liters
52) 7 L + 35 ml = 7,035 ml

53) kilogram is the measuring unit of mass
54) liter is the measuring unit of capacity
55) 3 weeks , 4 days = 25 days
56) 5 days = 120 hours
57) 3 minutes , 20 seconds = 200 seconds
58) 10 days = 240 hours
59) 1 day and 5 hours = 29 hours.
60) 3 : 35 + 2 :20 = 5 : 55
61) 5 : 43 – 1 : 25 = 4 : 18
62) 2 hours and 20 minutes = 260 minutes.
63) 10 hours and 30 minutes = 630 minutes.
64) 2 days and 12 hours = 36 hours
65) A square of a side length 7 cm , its perimeter = 28 cm
66) A square has a perimeter 24 cm , then its area = 36 cm^2
67) The perimeter of a square = Side × 4
68) The area of a square = Side × Side
69) The area of square whose side is 1 cm = 1 cm^2
70) The area of a rectangle = length × width
71) Perimeter of a rectangle = 2 × (length + width)
72) A square whose side length is 4 meters, then its area is 16 cm^2
73) A square has an area of 16 square centimeters, then its perimeter is 16 cm.
74) The area of a rectangle is 32 cm^2 and its length is 8 cm , then its width = 4 cm
75) A rectangle has 4 cm width , and 6 cm length ,then its area = 24 cm2
76) A perimeter of square is 20 cm , then its side length is 5 cm
77) 45 × 0 = 0
78) 2 × [5 × 4] = [2 × 5] × 4
79) [300 × 7] × 0 = 0
80) 100 × 245 = 24,500

81) $4 \times 3 \times 7 = 4 \times 21$
82) The multiplicative equation of $8 + 8 + 8 + 8 + 8 = 40$ is $8 \times 5 = 40$
83) $5000 = 1,000 \times 5$
84) 3,200 = 32 Hundreds.
85) $4 \times 7 = 7 \times 4$ commutative Property of multiplication
86) If $A \times 7 = 21$, then $A = 3$
87) 60 is ten times as great as a number. What is the number? 6
88) 16 is 8 times greater than 2
89) 10 times greater than 32 is 320
90) 9000 = 900 tens
91) G.C.F for two numbers 14 , 21 is 7
92) G.C.F for two numbers 12 , 8 is 4
93) The factors of 23 are 1 and 23
94) The smallest prime number formed from 2 digits is 11
95) The only even prime number is 2
96) The smallest odd prime number is 3
97) A prime number, difference between its factors is 6, then the number is 7
98) The prime number has only 2 Factors
99) The common factor of all number is 1
100) The common multiple of all number is 0
101) The numbers (1, 2, 3, 6) is factors of the number 6
102) G.C.F for two numbers 6, 12 is 6
103) All factors of 36 are 1 , 2 , 3 , 4 , 8, ,9 , 18 , 36
104) 23 has 2 factors
105) The composite number has more than 2 factors
106) G.C.F for two numbers 30 , 45 is 15
107) 1 ,3 , 9 , 27 are factors of 27
108) $123 \times 4 = 492$
109) $14 \times 26 = 364$

110) $21 \times 3 = 63$
111) $60 \times 70 = 4200$
112) $362 \times 8 = (300 \times 8) + (60 \times 8) + (2 \times 8)$
113) If $2196 \div 6 = 366$, the dividend is 2196
114) $33 \div 3 = 11$, the devisor is 3
115) $37 \div 9 = 4$ and remainder is 1
116) $11 \div 3 = 2$ R 2
117) $400 \div 8 = 50$
118) $180 \div 2 = 90$
119) $550 \div 5 = 110$
120) $240 \div 4 = 60$
121) $816 \div 4 = 204$
122) $357 \div 3 = 119$
123) $6006 \div 6 = 1001$
124) $321 \div 1 = 311$
125) $28 \div 5 = 5$ R 3
126) $515 \div 5 = 101$
127) If $213 \times 3 = 639$, then $639 \div 3 = 213$
128) $2 + 5 \times 2 = 12$
129) $3 + 8 \div 2 = 7$
130) $18 - 6 \times 2 + 30 = 36$
131) $81 + (54 \div 6) = 90$
132) $9 + 2 \times (15 \div 5) = 15$

Q3-Answer the following :-

1) 142 + 55 + 18 + 45 (Use the properties of addition)

142 + 18 + 55 + 45 commutative property

(142 + 18) + (55 + 45) associative property

160 + 100 = 260

2) 75 + 87 + 25 (Use the properties of addition)

75 + 25 + 87 commutative property

(75 + 25) + 87 associative property

100 + 87 = 187

3) A factory produced 2,879 toys in one week , the next week , the factory produced 3,276 toys , find the difference between the production in the two weeks .

difference = 3,276 – 2,879 = 397 toys .

4) Adel spend 6 hours at school if we want to calculate Adel"s school day in minutes what will we do ?

No of minutes = 6 × 60 = 360 min.

5) List from least to greatest 21,000 g / 17 kg / 23,000 g / 25 kg

Order / 17 kg / 21,000 g / 23,000 g / 25 kg

6) A television cartoon movie begins at 7 : 15 pm and ends at 8 : 10 pm , find the elapsed time .

Elapsed time = 8 : 10 – 7 : 15 = 55 min .

7) Seif studies 30 minutes every day , how many hours will he study in 6 days ?

Total minutes = 30 × 6 = 180 min .

NO of hours = 180 ÷ 60 = 3 hours .

8) A tank capacity of 70 liters is filled with 25,000 milliliters of water , how many more liters of water are needed to fill it up completely ?

No of liters needed = 70 -25 = 45 L.

9) Hanan has 5 L.E. , and Mohamed has 50 L.E. then the money with Mohamed = 10 times with Hanan

10) A piece of land is in the shape of a rectangle with a width of 9 meters and a length 5 meters, find is its perimeter?

P = 2 × (9 + 5) =28 cm

11) A square swimming pool whose sides are 5 m, find its perimeter and area? P = 5 × 4 20 cm

12) Which is the greater , the area of a rectangle its dimensions are 7 cm and 5 cm or area of a square with side length 6 cm ?

Area of a rectangle = 7 × 5 = 35 cm^2

Area of a square = 6 × 6 = 36 cm^2

The area of a square is the greatest

13) Maria has 4 times as many dollars as her sister , her sister has 3 dollars , how much money does Maria have ?

Maria has 4 × 3 = 12 dollars

14) List all factors of each number , 6 , 12 , 25 , 28 .

Factors of 6 are / 1 , 2 , 3 , 6

Factors of 12 are / 1 , 2 , 3 , 4 , 6 , 12

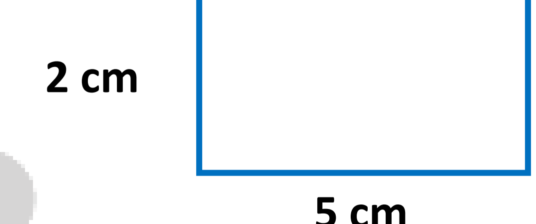
Factors of 25 are / 1 , 5 , 25

Factors of 28 are / 1 , 2 , 4 , 7 , 14 , 28

15) From the opposite rectangle ,

Area = 2 × 5 =10 cm^2

Perimeter = 2 × (5 + 2) 14 cm



16) From the opposite figure ,

value of y = 4 cm

Y

16 cm^2

17) Find is the area and perimeter of the figure ?

area = 28 + 4 = 32 cm^2

7 cm

4 cm

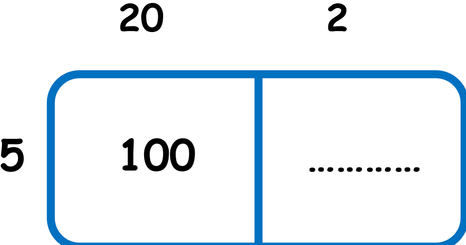
Perimeter = 7 + 4 + 4 + 5 + 2 + 2 + 2 =26 cm

2 cm

18) There are 6 people won 145 pounds , each as the fair , how much money did they win together ?

Total no = 145 × 6 = 870 pounds

19) In the opposite area model the missing number Of multiplying 5 × 22 is 10



20) Ahmed bought 4 balls , if the price of total balls is 260 L.E. , find the price of each ball ?

Price of each = 260 ÷ 4 = 65 L.E.

21) A factory produced 4,256 toys in each month , how many toys were produced in 3 months ?

No of toys = 4256 × 3 = 12,768 toys

22) From area model the quotient is 109

5	5 × 100 = 500	5 × 9 =45
	100	9

23) 52 pounds distributed equally between 6 friends , then the remainder is 4

24) 37 oranges distributed equally among 5 friends , how many oranges will be left 2

Q4- Complete the bar models :-

435 m	
4 m	35 cm

75 mm	
7 cm	5 mm

8,044 g	
8 kg	44 g

25025 ml	
25 L	25 ml

Exam

Q1-Choose the correct answer :-

8) The standard form of the number 2 million , 3 thousand ,45 is ………..

a) 2,003,045 b) 82,345 c) 2,300,045 d) 2,000,300,045

9) 850 × m = 850 , then m

a) 2 b) 850 c) 1 d) 0

10) The number 30 equals 5 times the number …………..

a) 150 b) 6 c) 5 d) 25

11) 80 × 60 = ……….. × 100

a) 84 b) 80 c) 48 d) 4800

12) 2 × 5 × 3 = …………… × 3

a) 5 b) 3 c) 10 d) 2 × 3

13) The number of factors of the prime number is ………………

a) 0 b) 1 c) 2 d) otherwise

14) 939 ÷ 3 = ……………..

a) 101 b) 303 c) 313 d) 191

Q2- Complete the following : -

1) 73,000,000+8,000+400+30+3= 73,008,430
2) 3000 – B = 2 000 then B = 1000
3) From the opposite bar model ,the value of C = 3310
4) 8 km ,45 cm = 8,045 cm
5) 148,000 thousands = 148 millions
6) 3 : 25 + 6 : 42 = 10 : 07
7) 5 weeks = 35 days
8) Area of rectangle its Length is 7 cm, width is 3 cm = 21 cm^2

7,620	
C	4,310

Q3-Choose the correct answer : -

1) The G.C.F of 20 and 30 is

a) 20 b) 1 c) 10 d) 5

2) 125 × 5 = ………………

a) 625 b) 130 c) 605 d) 505

3) 26 ÷ 4 = ……………………

a) 5 R 5 b) 6 R 2 c) 7 R 2 d) 4 R 2

4) Which is the first step in evaluating 18 - 15 + 3 x 8 -2?

a) 18 - 15 b) 15 + 3 c) 3 × 8 d) 8 - 2

5) Which of the following = 6 ?

a) 3x1+2 b) 12+6÷3 c) 18-3x4 d) 24÷ 6 -2

6) The quotient of 55 ÷ 5 = ………………

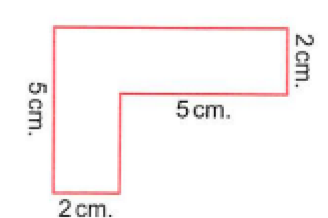
a) 111 b) 11 c) 1 d) 5

7) If the side length of a square is 3 cm , then its area is ……… cm^2

a) 9 cm b) 12 cm c) 9 cm^2 d) 12 cm^2

Q4-Answer the following questions : -

1) Find the G.C,F between 12 and 18 is 6
2) Seif ate 4 figs in the morning. His older brother ate 3 times as many as Seif. How many figs did his brother eat ? 12 figs



3) Find the perimeter of the opposite figure. 24 cm
4) A road of 675 km If a train travelled 239 km from this road , what is the remaining distance of the road ? 436

حمل الان

مجانا وحصريا

المراجعة رقم (6)







Final Revision

1 Place value and value :

5,947,602,189

The Place value of digit 4 is ....

The value of digit 6 is ....

The value of digit 0 is ....

If the place value of digit 3 is hundred million , then the value =

2 The greatest and smallest number :

The greatest number formed from 7 digits is ......

The smallest number formed from 5 digits is ......

The greatest number formed from 2, 9, 1, 5, 2 is ......

The smallest number formed from 3, 0, 7, 9, 4 is ......

3 Tens , Hundreds , Thousands, Millions , Milliards

Tens	Hundreds	Thousands	Millions	Milliards
0	00	000	000,000	000,000,000

830 000 = ... hundreds

1,200 Ten Thousands = ... million

4 How many times :

➡The number of hundreds in one million ....

➡The number .... is 10 times as many as fifty thousand

➡The value of the digit 6 in the number 63,785 is .... times the value of the digit 6 in 2,467

Final Revision

5 **Write a number in word form :** 4,501,002,070

Write a number in standard form :

Six milliard , fifty two million , eight

Write a number in expanded form : 6,008,401,059

First way :

second way :

Write a number in standard form :

4,000,000,000 + 30,000,000 + 200,000 + 7,000 + 3

(9x1,000,000) + (5x10,000) + (4x10) + (6x1)

6 **Comparing :**

7 thousands …. 700 hundreds

3 million …. 3,000 thousands

5,193,492,500 — Five milliard, three hundred million, seven hundred fifteen thousand

6,025,000,138 — 6,000,000+20,000+5,000+135

Milliards
Millions
Thousands
Ones

Final Revision

7 **Create a number :**

that is smaller in the ten million place than 834,762,257

that if it rounded to the nearest thousand the result is 754,000

8 **Round: 3,612,984,075**

To the nearest ten ≈

To the nearest hundred ≈

To the nearest thousand ≈

To the nearest hundred thousand ≈

To the nearest ten million ≈

To the nearest milliard ≈

Weak numbers

0	1	2	3	4

Don't give one

Strong numbers

5	6	7	8	9

give one

9 **Properties of Addition :**

254 + 0 = 254 **Additive Identity property**

16 + 37 = 37+16 **Commutative property**

29 + (71 + 15) = (29+71) + 15 **associative property**

10 **Properties of multiplication :**

45 x 0 = 0 **Zero property**

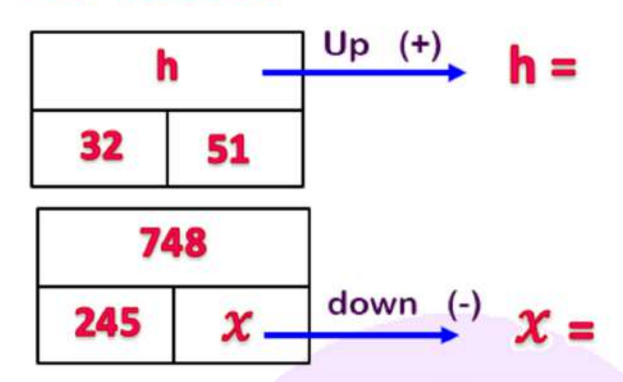
45 x 1 = 45 **multiplicative Identity property**

17 x 93 = 93 x 17 **Commutative property**

2 x (5 x 8) = (2 x 5) x 8 **associative property**

Final Revision

11 Bar Model :



12 Equation :

15 + a = 48

74 - b = 56

x - 18 = 32

y + 23 = 62

13 Units of mass : 1 Kg = 1000 g

9 kg = ……… g

17000 g = ……… kg

6 kg , 125 g = ……… g

18,009 kg = …… kg , …… g

14 Units of capacity : 1 L = 1000 ml

5 L = ……… ml

40,000 ml = ……… L

2 L , 46 ml = ……… ml

45,312 ml = ……… L , …… ml

Final Revision

15 Units of length :

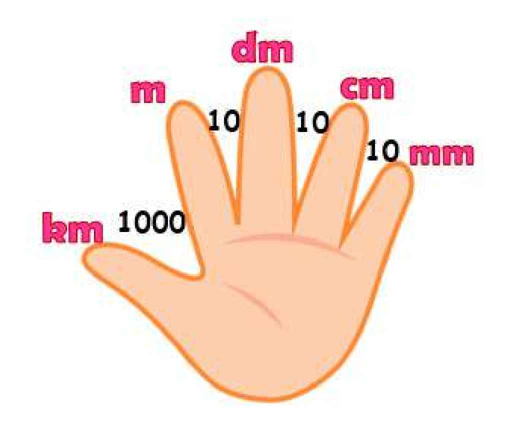
2 km = ……… m

120 mm = ……… cm

3 m , 95 cm = ……… cm

4 km , 32 m= ……… cm

25,018 m =…… km , …… m



16 Units of Time :

week | day | hour | minute | second

3 week = …… days

35 days = …… weeks

2 days = …… hours

2 hours = …………… min.

3 weeks , 2 days = …… days

2 days , 2 hours = …… hours

3 hours and 15 min. = …… min

17 Add and subtract time :

2:35 + 3:45

3:05 - 1:55

Elapsed Time = End time – Start time

Start time = End time – Elapsed time

End time = Start time + Elapsed time

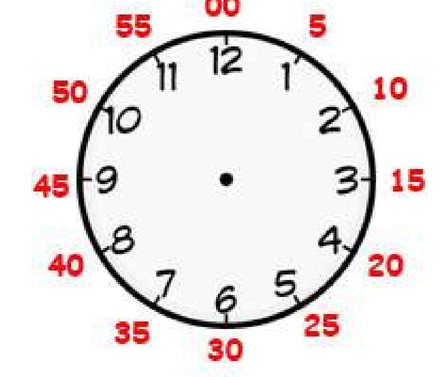
Final Revision

18 **Write Time in two ways**

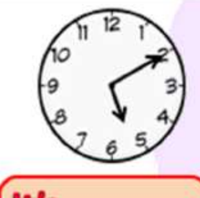





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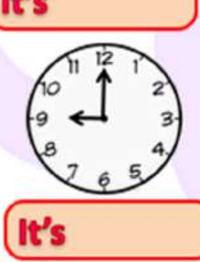
Write Time in two ways





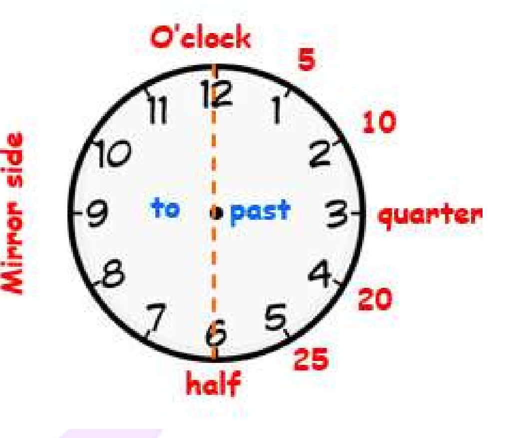
It's

It's

It's

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19 **Rectangle**

Area = L x w

Perimeter = 2 x (L + w)

Length with area = A ÷ w

width with area = A ÷ L

Length with perimeter = P ÷ 2 - w

width with perimeter = P ÷ 2 - L




Final Revision

20 Square

Area = S x S

Perimeter = 4 x S

side with perimeter = P ÷ 4

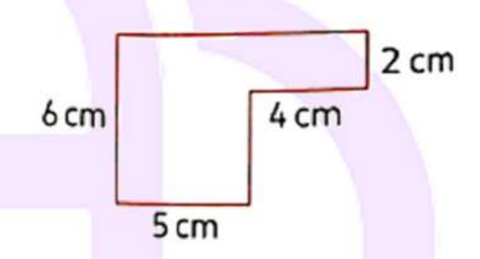
side with area = table



21 Odd shape :

Area =

Perimeter =



22 Factors :

Factor T-chart

The factor of all numbers is ……

The factors of number 10 = ……

The number of factors of number 9 is ……

The number whose factors are 1,2,3,4,12 is ……



1	10
2	5

Factor rainbow



GCF : 24 and 18

Final Revision

23 Prime number

has only two factors 1 and itself

2 , 3 , 5 , 7 , 11 , 13 , 17, 19 , 23, 29 , 31 , 37 , 41, 43, 47 ......

The only even prime number is ....

The smallest prime number is ....

The smallest odd prime number is ....

The number whose prime factors 2,3,5 is ....

The prime number whose sum of its factors 8 is ....

Composite number

has more than two factors

All even numbers are composite numbers except 2

1 has only one factor so it not prime and not composite number

24 Multiples:

The multiples of number 2 =

The multiples of number 3 =

The common multiples of 2 and 3 =

The common multiple of all number is ....

The relation between the factor and the multiple :

Numbers 4 and 8 : 4 is a factor of number 8

8 is a multiple of number 4

The common factor of numbers 3 and 6 is ......

The common multiple of numbers 5 and 15 is ......

Final Revision

25 **Use the distributive property :**

347 x 5 =

26 **Use the area model :**

263 x 7 =

27 **Use the partial product :**

1,285 x 4 =

Use the standard multiplication :

943 x 6 =

28 **The division :**

72 ÷ 3 =

975 ÷ 9 =

29 **Use area model :**

3,624 ÷ 6 =

Final Revision

30 **Complete :**

..... ÷ ..... = ... R .....

4	120	24
	36	6	R 3

31 **Use partial Quotients :**

732 ÷ 4 =

32 **Use Standard algorithm :**

3,229 ÷ 4 =

Table

Up

down

-

drop

33 **Estimate the quotient.** 735 ÷ 2

the quotient is between ..... and .....

Final Revision

34 Order of operations

1- parentheses 2- Multiply and divide 3- Add and subtract

$2 \times (9 - 3) \div 4 + 2 =$

35 Key words of Story Problem :

+	-	x	÷
And	Rest / left	Many times	distributed
Together	remains		equally
In all	difference		how many .. of each ?
ask to total	ask to part		What is the share ?
	How many more		

Final Revision

Place value and value :

5,947,602,189

The Place value of digit 4 is ...Ten million ← place

The value of digit 6 is ...600,000 ← number

The value of digit 0 is ..0..

If the place value of digit 3 is hundred million , then the value = 300,000,000

The greatest and smallest number :

The greatest number formed from 7 digits is ...9,999,999

The smallest number formed from 5 digits is ...10,000

The greatest number formed from **2, 9, 1, 5, 2** is 95221

The smallest number formed from **3, 0, 7, 9, 4** is ...30479

Tens , Hundreds , Thousands, Millions , Milliards

0 00 000 000,000 000,000,000

830 000 = 8300 hundreds

1,200 Ten Thousands = ..12.. million

How many times :

➡The number of hundreds in one million 10,000

➡The number 500,000 .... is 10 times as many as fifty thousand ...... = 10 × 50 000

➡The value of the digit 6 in the number 63,785 is ...1000... times the value of the digit 6 in 2,467

60,000 = ... × 60

Final Revision

Write a number in word form : 4,501,002,070

Four milliard, five hundred one million, Two thousand, seventy.

Write a number in standard form :

Six milliard , fifty two million , eight 6,052,000,008

Write a number in expanded form : 6,008,401,059

6,000,000,000 + 8,000,000 + 400,000 + 1,000 + 50 + 9

OR

(6x1,000,000,000) + (8x1,000,000)+ (4x100,000) + (1x1,000) + (5x10) + (9x1)

Write a number in standard form :

4,000,000,000 + 30,000,000 + 200,000 + 7,000 + 3
= 4,030,207,003

(9x1,000,000) + (5x10,000) + (4x10) + 6 = 9,050,046

Comparing :

7 thousands > 700 hundreds

3 million = 3,000 thousands

5,193,492,500 < Five milliard, three hundred million, seven hundred fifteen thousand

6,025,000,138 > 6,000,000+20,000+5,000+135

Milliards
Millions
Thousands
Ones

Final Revision

Create a number :

that is smaller in the ten million place than 834,762,257
= 824,762,257

that if it rounded to the nearest thousand the result is 754,000
= 753,800
+1

Round: 3,612,984,075

To the nearest ten ≈ 3,612,984,080
To the nearest hundred ≈ 3,612,984,000
To the nearest thousand ≈ 3,612,984,000
To the nearest hundred thousand ≈ 3,613,000,000
To the nearest ten million ≈ 3,610,000,000
To the nearest milliard ≈ 4,000,000,000

Weak numbers

0	1	2	3	4

Don't give one

Strong numbers

5	6	7	8	9

give one

Properties of Addition :

254 + 0 = 254 Additive Identity property
16 + 37 = 37+16 Commutative property
29 + (71 + 15) = (29+71) + 15 associative property

Properties of multiplication :

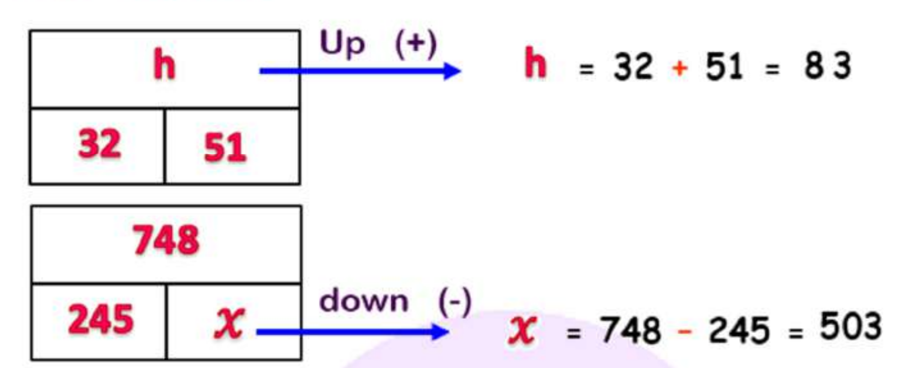
45 x 0 = 0 Zero property
45 x 1 = 45 multiplicative Identity property
17 x 93 = 93 x 17 Commutative property
2 x (5 x 8) = (2 x 5) x 8 associative property



يلا نلم المنهج

Final Revision

Bar Model :



h = 32 + 51 = 83

x = 748 − 245 = 503

Equation :

ف الأول ← العكس   ف التاني ← ⊖

15 + a = 48
a = 48 − 15

74 − b = 56
b = 74 − 56

x − 18 = 32
x = 32 + 18

y + 23 = 62
y = 62 − 23

Units of mass :

1 Kg = 1000 g

Greater → put zeros
Smaller → Cancel zeros

9 kg = 9000 g

17000 g = 17 kg

6 kg , 125 g = 6,125 g   6000 + 125

18,009 g = 18 kg , 9 g

Units of capacity :

1 L = 1000 ml

5 L = 5000 ml

40,000 ml = 40 L

2 L , 46 ml = 2046 ml   2000 + 46

45,312 ml = 45 L , 312 ml

4 يلا نلم المنهج

Final Revision

Units of length :

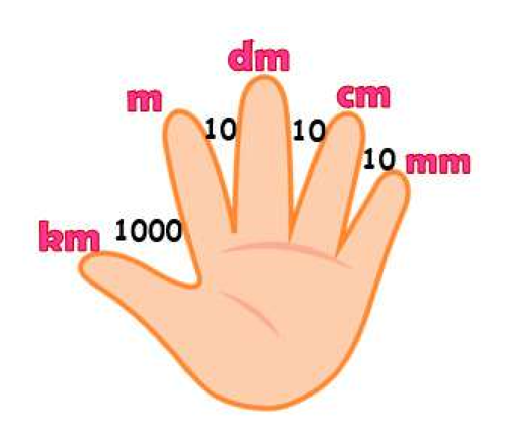
2 km = 2000 m

120 mm = 12 cm

3 m , 95 cm = 395 cm 300 + 95

4 km , 32 m = 4032 cm 4000 + 32

25,018 m = 25 km , 18 m



Units of Time :

week →(7) day →(24) hour →(60) minute →(60) second

3 week = 21 days (×7)

35 days = 5 weeks (÷7)

2 days = 48 hours (×24)

2 hours = 120 min. (×60)

3 weeks , 2 days = 23 days (21 + 2)

2 days , 2 hours = 50 hours (48 + 2)

3 hours and 15 min. = 195 min (180 + 15)

Add and subtract time :

2:35 + 3:45 = 6:20

3:05 - 1:55 = 1:10

2:35 + 3:45 = 5:80 → + 1 : 60 → 6:20

3:05 (−1, +60) − 1:55 → 2:65 − 1:55 = 1:10

Elapsed Time = End time – Start time

Start time = End time – Elapsed time

End time = Start time + Elapsed time

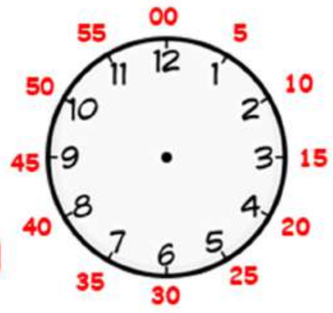
Final Revision

Write Time in two ways






5 : 10 | 3 : 40 | 9 : 00 | 10 : 30



Write Time in two ways




It's 10 past 5 | It's 20 To 4




It's half past 10 | It's 9 O'clock

Mirror side

O'clock
5
10
quarter
20
25
half
to
past

Rectangle

Area = L x w

Perimeter = 2 x (L + w)

Length with area = A ÷ w

width with area = A ÷ L

Length with perimeter = P ÷ 2 - w

width with perimeter = P ÷ 2 - L



A = 7 x 2 = 14 cm²

P = 2 x (7 + 2) = 18 cm

Final Revision

Square

Area = S x S

Perimeter = 4 x S

side with perimeter = P ÷ 4

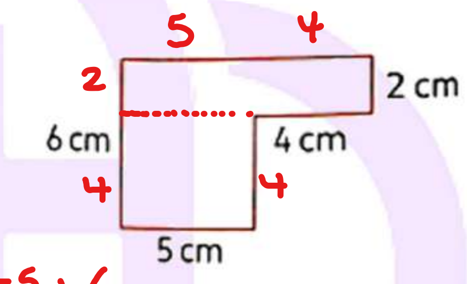
side with area = table



A = 5 x 5 = 25 cm^2

P = 4 x 5 = 20 cm

Odd shape :



Area = (2 x 9) + (4 x 5)
= 18 + 20 = 38 cm^2

Perimeter = 9 + 2 + 4 + 4 + 5 + 6 = 30 cm

Factors :

The factor of all numbers is ...1...

The factors of number 10 = ...1, 2, 5, 10

The number of factors of number 9 is 3...

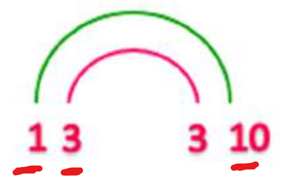
The number whose factors are 1,2,3,4,12 is .12.

Factor T-chart



1	10
2	5

Factor rainbow



GCF : 24 and 18

24	
1	24
2	12
3	8
4	6

18	
1	18
2	9
3	6

GCF = 6

Final Revision

Prime number
has only two factors 1 and itself

2 , 3 , 5 , 7 , 11 , 13 , 17, 19 , 23, 29 , 31 , 37 , 41, 43, 47 ……

The only even prime number is …2……

The smallest prime number is ….2..

The smallest odd prime number is .3……

The number whose prime factors 2,3,5 is ….. $2 \times 3 \times 5 = 30$

The prime number whose sum of its factors 8 is ….7….. (1+7)

Composite number
has more than two factors

All even numbers are composite numbers except 2

1 has only one factor so it not prime and not composite number

Multiples:

The multiples of number 2 = 0, 2, 4, 6, 8 ……

The multiples of number 3 = 0, 3, 6, 9, 12 ……

The common multiples of 2 and 3 = 0, 6, 12, 18 …… (×)

The common multiple of all number is …zero

The relation between the factor and the multiple :

Numbers 4 and 8 : 4 is a factor of number 8

8 is a multiple of number 4

The common factor of numbers 3 and 6 is …..3 (small)

The common multiple of numbers 5 and 15 is …15 (greater)



يلا نلم المنهج

Final Revision

Use the distributive property :

$347 \times 5 = 5 \times (300 + 40 + 7)$

$= (5 \times 300) + (5 \times 40) + (5 \times 7)$

$= 1500 + 200 + 35 = 1735$

Use the area model :

$263 \times 7 = 1841$

	200	60	3
7	1400	420	21

1400
420
+ 21
1841

Use the partial product :

$1,285 \times 4 = 5,140$

4000
800
320
20
5140

Use the standard multiplication :

$943 \times 6 = 5,658$

943
× 6
5,658

The division :

$72 \div 3 = 24$

$975 \div 9 = 108 \text{ R } 3$

Use area model :

$3,624 \div 6 = 604$

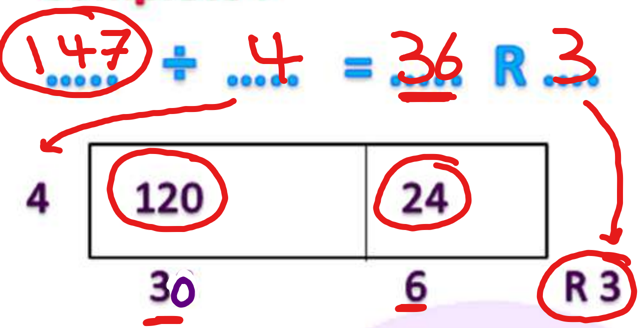
6	3600	24
	600	4

3624
- 3600
24
- 24
00

Final Revision

Complete :

147 ÷ 4 = 36 R 3



Use partial Quotients :

732 ÷ 4 = 183

4 ⟌ 732	
− 400	100
332	
− 320	80
12	
− 12	3
00	

Use Standard algorithm :

3,229 ÷ 4 = 807 R1

```
   807
4 |3229
  -32
    29
   -28
     1
```

1	4
2	8
3	12
4	16
5	20
6	24
7	28
8	32

Table

Up

down

-

drop

Estimate the quotient. 735 ÷ 2

the quotient is between 300 and 400

800 ÷ 2 = 400

↑

700

↓

600 ÷ 2 = 300

Final Revision

Order of operations

1- parentheses 2- Multiply and divide 3- Add and subtract

$2 \times (9 - 3) \div 4 + 2 =$

$= 2 \times 6 \div 4 + 2$

$= 12 \div 4 + 2$

$= 3 + 2 = 5$

Key words of Story Problem :

	-		
And	Rest / left	Many times	distributed
Together	remains		equally
In all	difference		how many .. of each ?
ask to total	ask to part		What is the share ?
	How many more		

شرح خطوات الحل على قناة

 Math For Kids: Hoda Ismail



كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9



خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة دي – ثم نكتب 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6